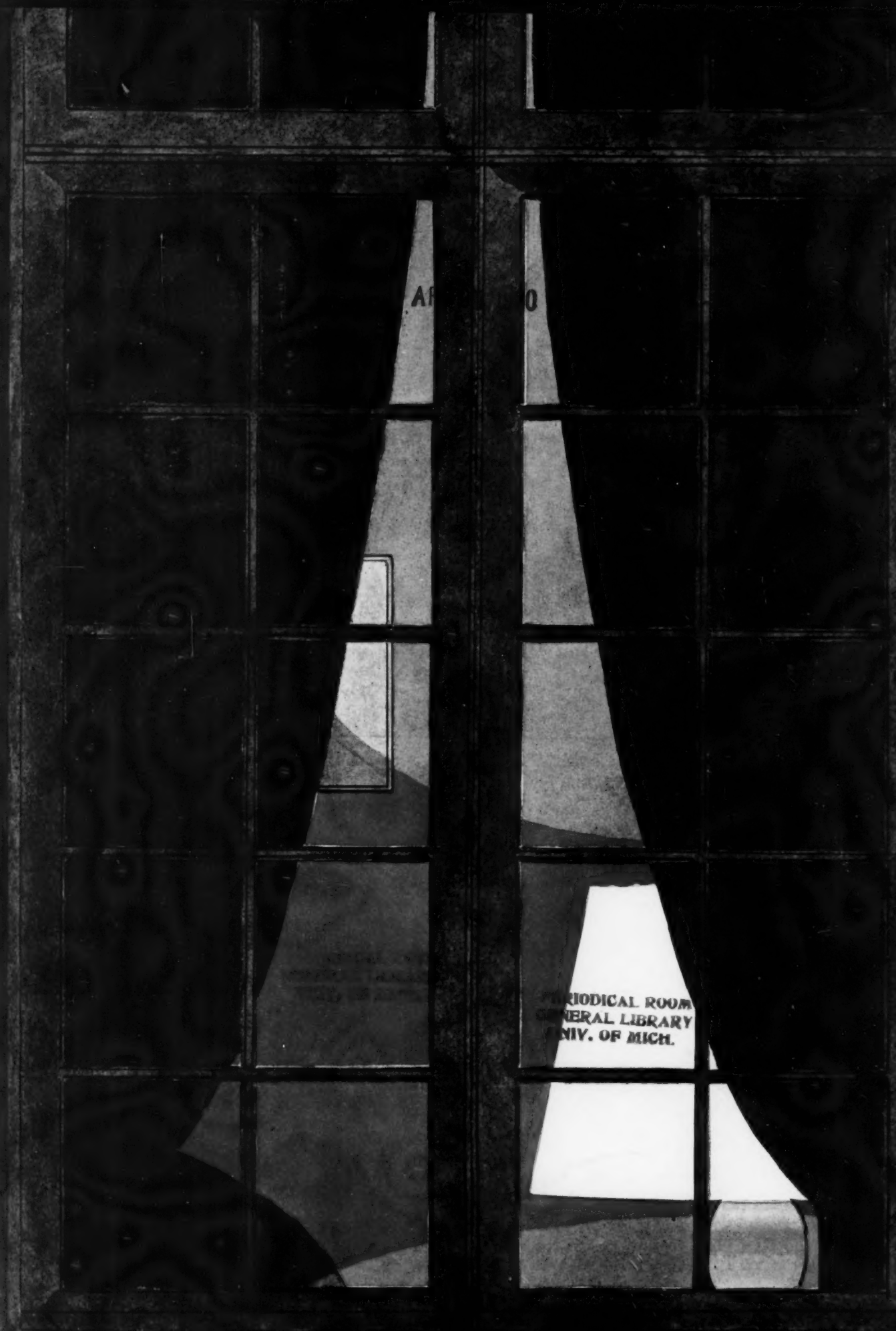
HOUSE & GARDEN



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A E MARTY

May 1930

Summer Furnishings Number

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Of all the copper produced by the United States in a single year, two-thirds is provided by mines using Texaco Lubricants.

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FIFTH AVENUE & 37TH STREET
NEW YORK

HOUSE & GARDEN
MAY, 1930

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Vol. No. 57, No. 5

KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK

GEORGIAN MAHOGANY BEDROOM GROUP, *by* KENSINGTON

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KENSINGTON bedroom furniture, while retaining the character and the charm of old work, is designed for the home of today. It is as convenient and adequate in service as it is decorative.

Whether the need is for a bedroom with the quiet elegance of a Georgian mansion, or the simple charm of an English cottage or Colonial farmhouse, a wide choice of distinctive and beautiful furniture is found in Kensington designs.

All Kensington Furniture is made and finished by hand throughout in the best possible manner, and is a permanent investment in beauty and utility.

Examples of all of our work may be seen at our Showrooms, arranged so as to give an accurate impression of how the furniture will look in the purchaser's home.

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer

KENSINGTON MFG COMPANY
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Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

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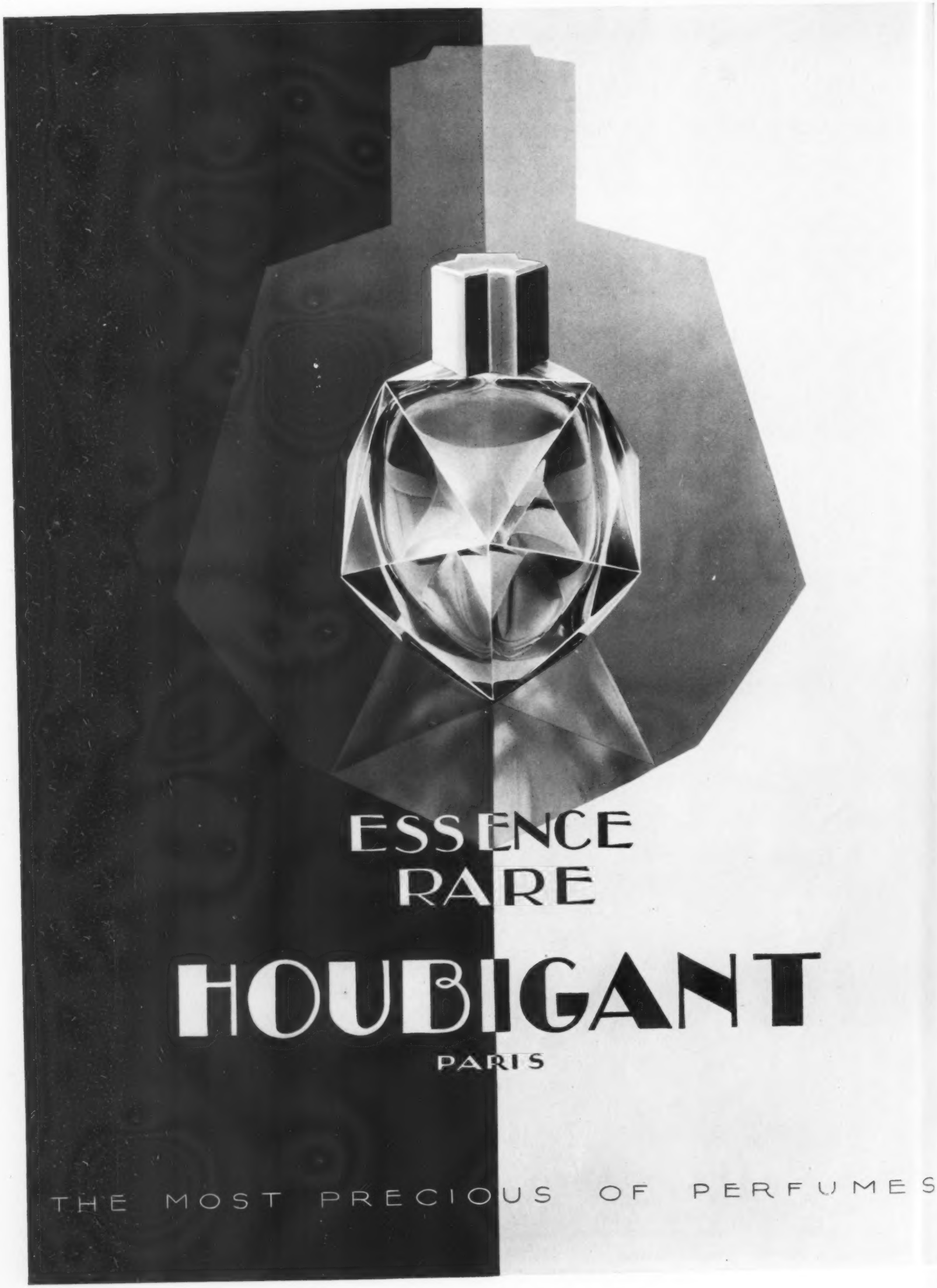
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GOBLET—of Swedish crystal with cut stem; dozen complete with engraved monogram, $36

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GLASS TUMBLER—to match . . Dozen, $28

Other stemware available in these services.

Delivery in two weeks from receipt of order.

MONOGRAMMED STEMWARE

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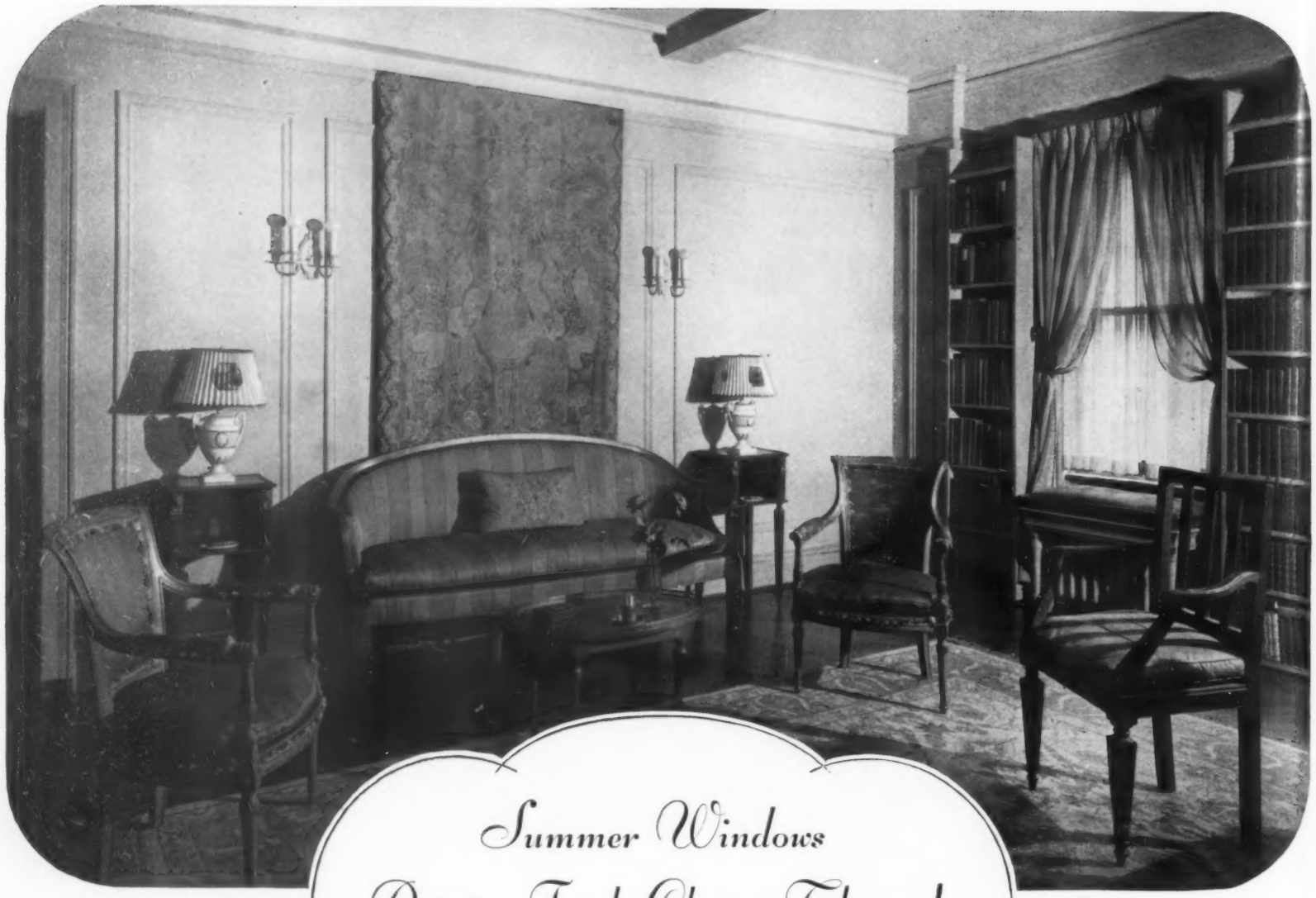

Summer Windows Attain Fresh Charm Through SHEER CELANESE

Ethel A. Reeve Inc. attains a charming effect with two sheer fabrics—a sunlight tone for the glass curtains, the deeper shade for overdraperies.

A new, decorative note for summer suggests two sheer fabrics—the overdraperies of Celanese Ninon, the glass curtains of Celanese Voile. Twin gossamer textures combine to achieve an effect of delightful airiness and cool charm . . . soft colors, subtly blended, pleasantly diffuse summer sunlight. Draperies of Celanese are most practical, too . . . for they shed dust readily . . . they are not harmed by rain or dampness . . . they do not shrink or stretch . . . will not mold or mildew . . . they may be cleaned or washed with equal success and ease . . . and the lovely colors are unusually fast.

CELANESE *Decorative Fabrics*

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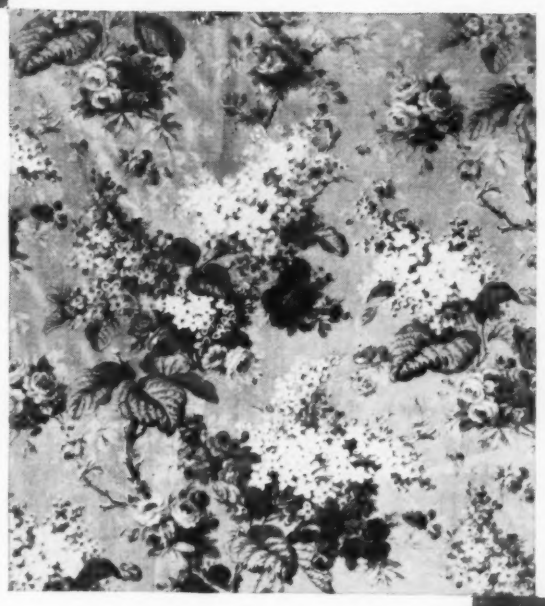
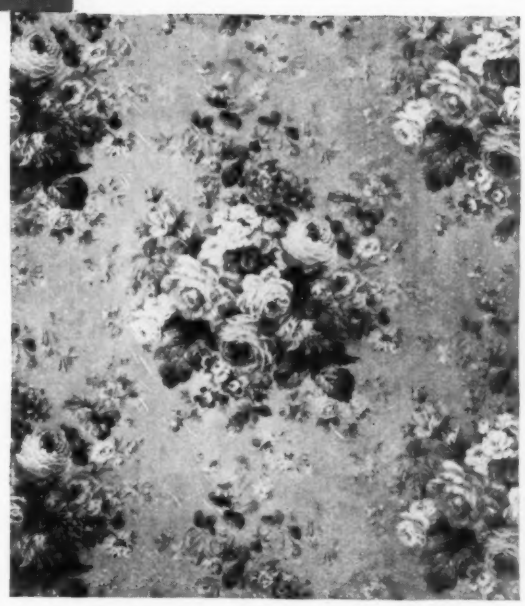
Celanese yarns, fabrics and articles are made of synthetic products manufactured exclusively by the Celanese Corporation of America, 180 Madison Avenue, New York City

Macy's sells Chintz from France for



69¢ yd.



HERE are some of the 1930 patterns. Again these famous French chintzes are skillful renderings, from old documents, of designs that are gloriously rich in pattern and color. Semi-glazed on percale, so that they drape beautifully—dozens of color combinations to suit any decorative scheme. Exclusive with Macy's in this country.

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34th Street and Broadway
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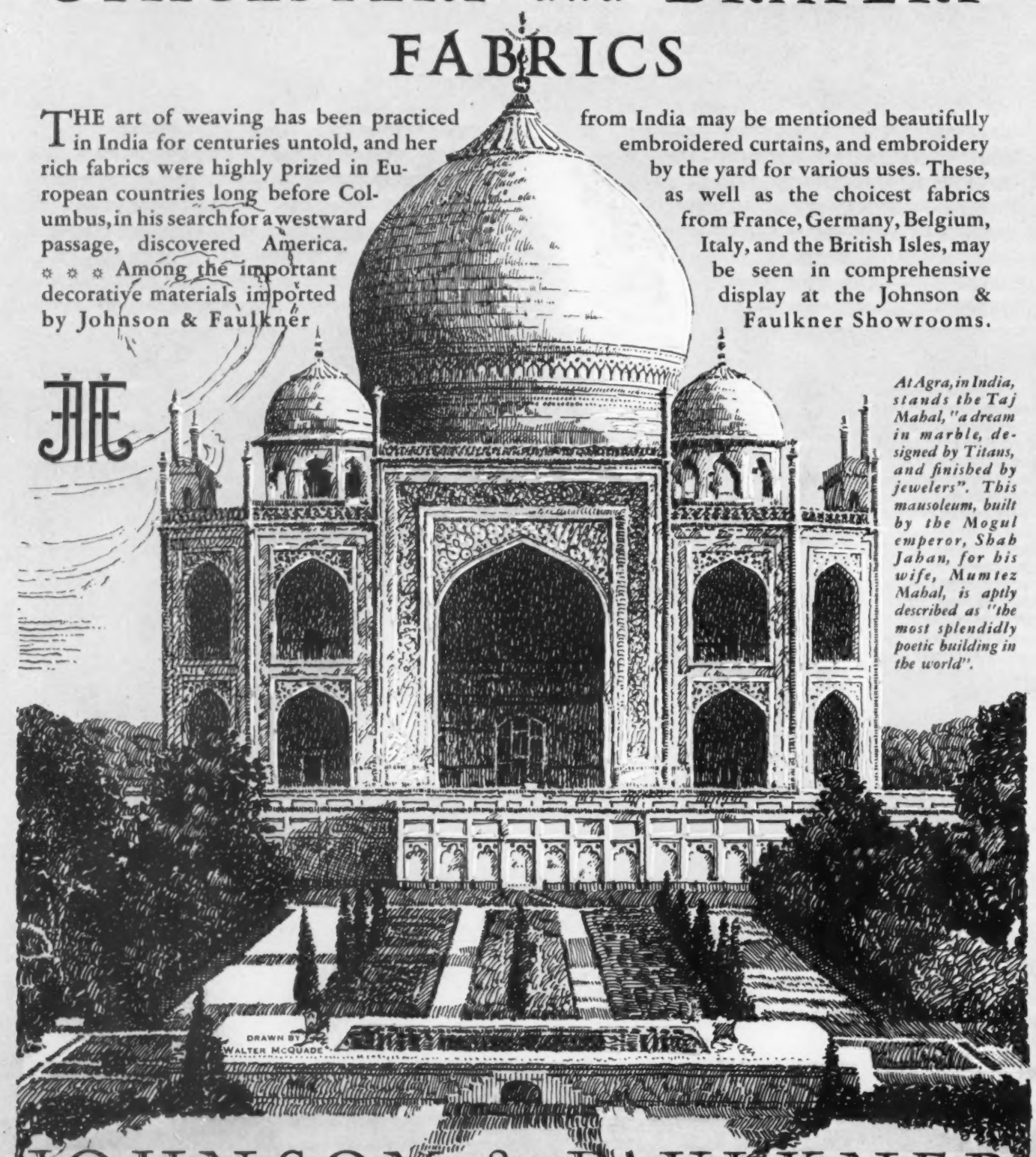
IMPORTED
UPHOLSTERY *and* DRAPERY FABRICS

THE art of weaving has been practiced in India for centuries untold, and her rich fabrics were highly prized in European countries long before Columbus, in his search for a westward passage, discovered America. ✲ ✲ ✲ Among the important decorative materials imported by Johnson & Faulkner from India may be mentioned beautifully embroidered curtains, and embroidery by the yard for various uses. These, as well as the choicest fabrics from France, Germany, Belgium, Italy, and the British Isles, may be seen in comprehensive display at the Johnson & Faulkner Showrooms.



At Agra, in India, stands the Taj Mahal, "a dream in marble, designed by Titans, and finished by jewelers". This mausoleum, built by the Mogul emperor, Shah Jahan, for his wife, Mumtez Mahal, is aptly described as "the most splendidly poetic building in the world".

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Established 1823 — NORTH UNION SQUARE • NEW YORK — *Wholesale Only*

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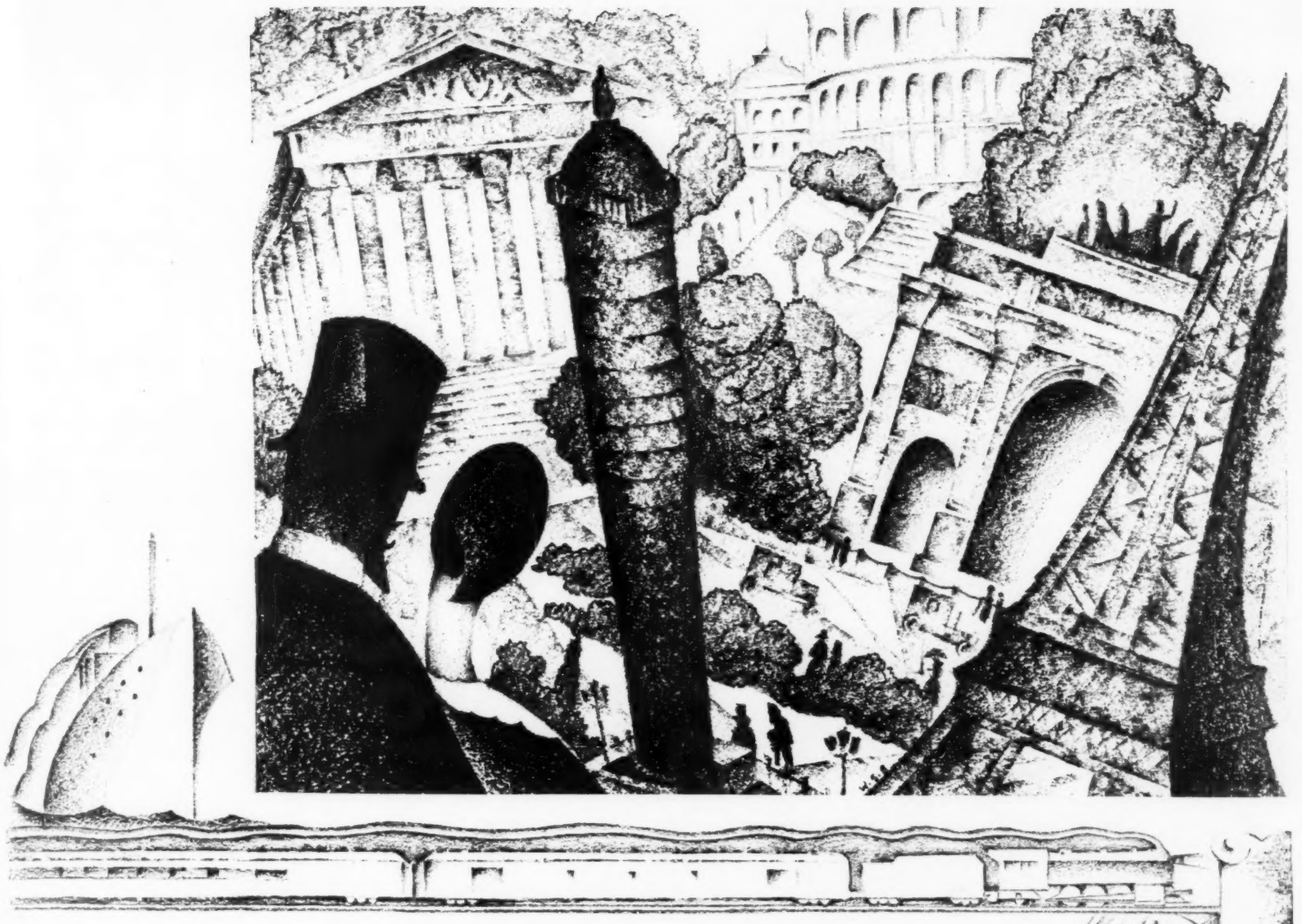

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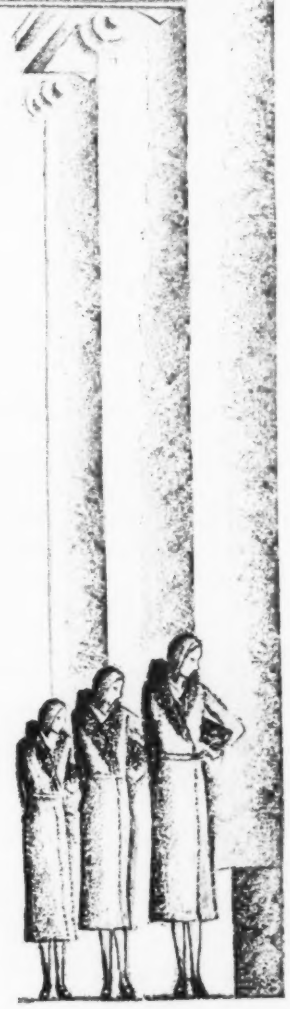
At a famous numero of the rue de la Paix, appraising eyes review passing creations . . . Somewhere on the rue St. Honoré a man who has bought millions of gloves for us selects several of the better new styles . . . One shrewd young man knows where to go in Paris for marvelous costume jewelry; another for hosiery more sheer than shadows; another for tapestries that few may own but none fail to admire. • These are some of Marshall Field and Company's large staff of resident representatives in Paris. In addition, scores of men and women from Field's in Chicago visit Paris periodically. Alert, fashion-wise, their purchases reflect an intimate knowledge of Continental correctness. • You are cordially invited to come to Field's for almost anything you might like from Paris.



Marshall Field and Company

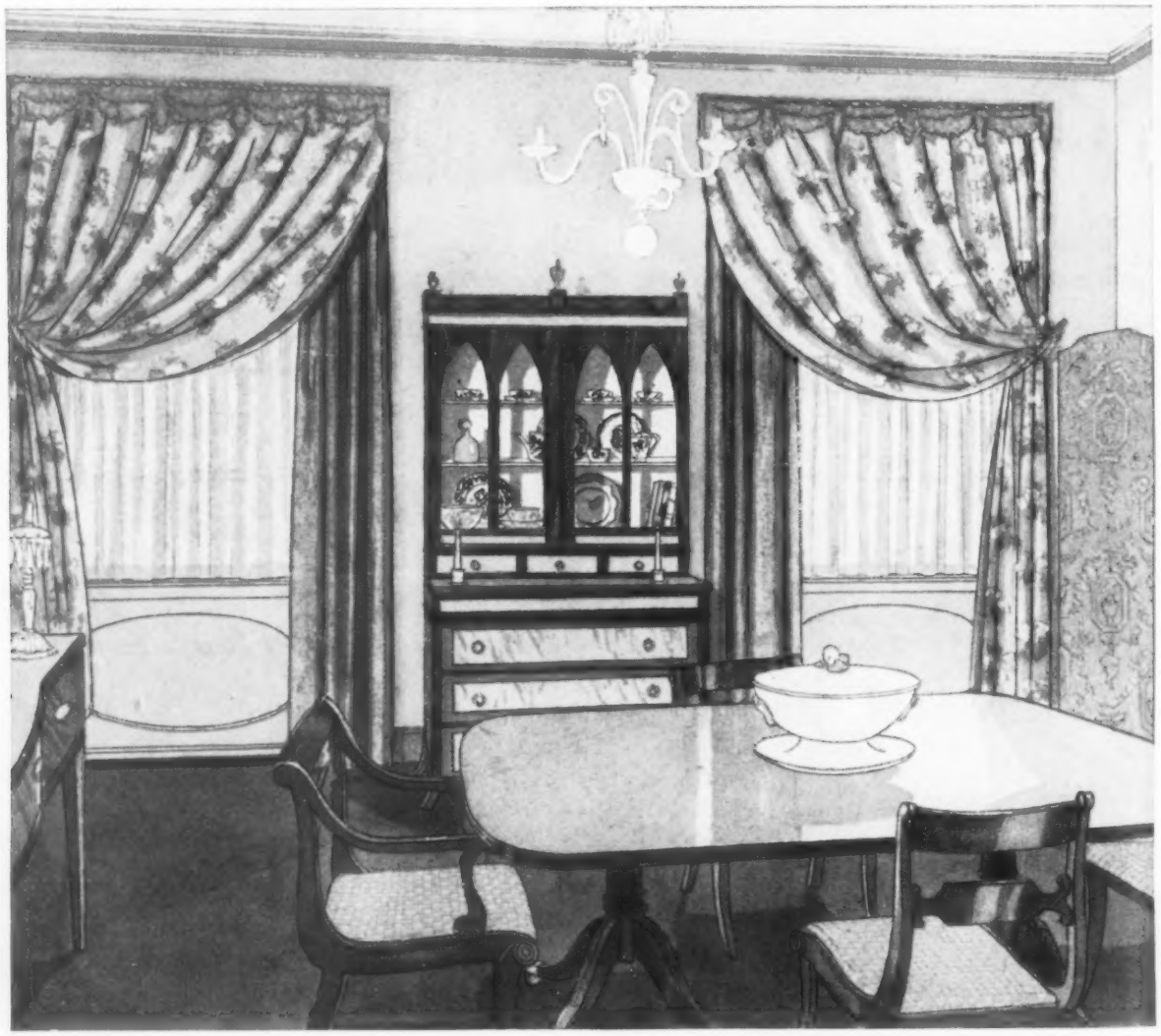
RETAIL · CHICAGO

CLASSIC BEAUTY MADE LOVELIER STILL BY ORINOKA DRAPERIES .....GUARANTEED COLORFAST

It still was "Little Old New York" when Duncan Phyfe set up his shop in Partition Street to make fine furniture for the local aristocracy. Today one of his chairs is a prize to be coveted by museums and collectors; and fortunate indeed are those who can number among their heirlooms a dining-table with the delicate pedestal and reversed curves for which this master craftsman was so famous.

In present-day rooms which would recapture the classic beauty of Duncan Phyfe's interiors, the choice of draperies is all-important. Only fabrics which are perfect in color, design and texture may be used in a decorative plan that makes so much of the flawless line and the perfect balance. Orinoka has created such materials for all rooms in this classic early-American style. Antique brocade, flowered with prim nosegays, makes the unusual draperies in a characteristic Phyfe interior. Alcona satin in a clear, soft color lines the brocade and falls in supple folds at one edge of the window. Rayham gauze, two-toned, filters the sunlight.

The colors of these lovely curtains are absolutely fadeless, for Orinoka guaranteed fabrics use only threads hand-dyed by a special process. The gorgeous tones are as integral a part of the material as the yarn itself. The designs are skillfully woven—never printed. Orinoka guaranteed draperies may be washed as often as you wish. They may be hung in the sunniest windows. Their colors are fast to both sun and water. Their rare designs bring distinction to any home. Insist on Orinoka—and insist on seeing the guarantee tag attached to every bolt. The Orinoka Mills, 183 Madison Ave., New York City.



An early-American dining-room, decorated in the style of Duncan Phyfe; from the 1930 Orinoka booklet

ORINOKA COLORFAST DRAPERIES ARE GUARANTEED SUN AND TUBFAST

Back of every yard of Orinoka Sunfast Fabrics you buy stand The Orinoka Mills with this assurance: "These goods are guaranteed absolutely fadeless. If the color changes from exposure to the sunlight or from washing, the merchant is hereby authorized to replace with new goods or refund the purchase price." Look for the guarantee tag on every bolt.

Orinoka

DRAPERIES . . . COLORS GUARANTEED SUN AND TUBFAST

SEND 20 CENTS FOR A FULL-COLOR BOOKLET OF NEW INTERIORS

Hope Harvey *has planned 12 rooms in correct period styles of decoration in the new Orinoka color booklet, together with reproductions of drapery and upholstery materials. . . . "Dignified and artistic," says a well-known decoration editor, writing of the booklet. If you would like a copy, enclose 20 cents (in coin) with the coupon.*

THE ORINOKA MILLS
183 Madison Avenue, New York City

Gentlemen: I should like a copy of the 1930 Orinoka booklet, "Draperies and Color Harmony." I am enclosing 20 cents in coin.

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The dining room in the apartment of Robert M. Lee. Architect — John Fugaard and Company. Decorators — John M. Smyth Company, Chicago.

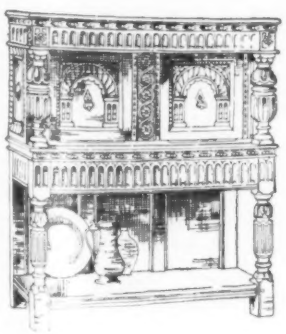
In the Manner of Old England's Craftsmen

© 1930, Kittinger Company

DIGNIFIED formality with intimate charm is realized in this stately dining group by Kittinger . . . reminiscent of Old England during the reign of "Good Queen Bess." Developed thruout in solid American Walnut or Renaissance Oak, with that skill which has enabled Kittinger to preserve the full appeal of Period craftsmanship . . . and yet built with modern methods that assure enduring quality at a cost far lower than most people imagine.

To fully appreciate the beauty of this "Haddon" dining group, see it at one of our main showrooms conveniently located thruout the country. Or, we will be glad to send you names of representative Kittinger dealers in your vicinity, together with educational literature on Period Reproductions for home, office, club or hotel. Address Kittinger Company, Dept. 103, North Elmwood Ave., Buffalo, N. Y.

An interesting Old Court Cupboard is the inspiration for this Elizabethan Dining Group



SHOWROOMS

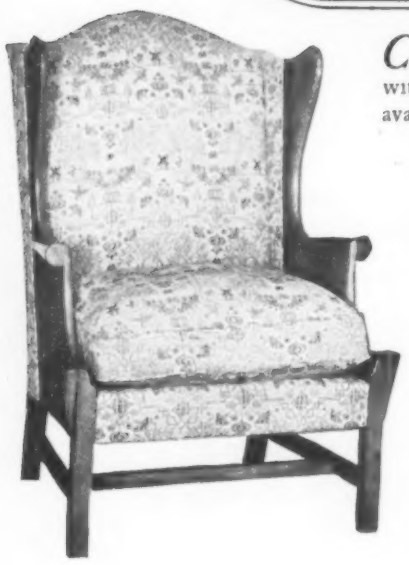
Buffalo At Factory, N. Elmwood Ave. | New York 205 East 42d St. | Chicago 433 East Erie St. | Los Angeles At Factory, 1300 S. Goodrich Blvd.

Kittinger DISTINCTIVE Furniture BUFFALO 1866

KITTINGER

Distinctive Furniture

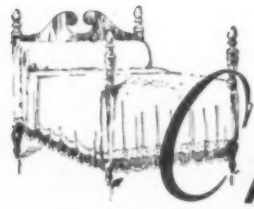
C H A R A K



Charak Cape Cod Wing Chair, with down cushion. This unusual piece is available in either maple or mahogany.

Charak Three-legged Table reproduced from a table exhibited at the Metropolitan Museum, New York. When the top is turned the corners of the frame support the drop leaves. May be had in pine or mahogany.

Charak Bombé, or Kettledrum Mahogany Desk — an exact reproduction from an original. A beautiful example of the highest type of workmanship.



Charak Furniture is authentic in design, and unsurpassed in quality of workmanship and materials—yet it is moderately priced. Whether you desire an occasional piece or furniture *en suite*, you will find an inspiring range of choice in the Charak reproductions. ★ ★ If your dealer or decorator cannot show you Charak Furniture, we suggest a visit to any of our open showrooms as listed. If this is not convenient, we shall be glad to forward you our new booklet, "The Charak Primer".

OPEN SHOWROOMS

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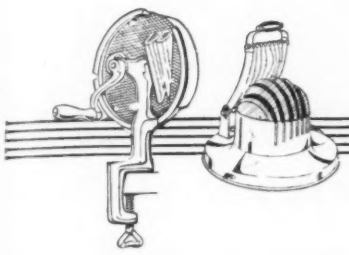
CHARAK FURNITURE COMPANY, INC.

Faithful Reproductions of
Early American Furniture in Mahogany and Maple
FACTORY AT BOSTON, MASSACHUSETTS

Janet Gray tells you about

things you can buy by mail

from Lewis & Conger

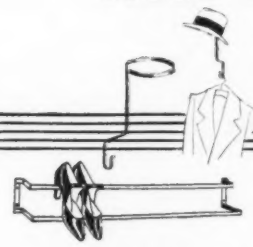


Bean Cutter, $2.50

It slices string beans for me—diagonally. I slide the beans through two holes, and turn the handle. Takes only eight minutes to slice a whole quart.

Tomato Slicer, $7.50

Slices a whole tomato in one fell swoop. Nice, tidy slices, too. Bring the cutter down just once—and there lies your tomato ready for salad. Heavily nickel plated

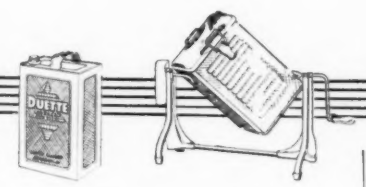


Shoe Racks, $2.00 pr.

I put Shoe Racks on every bedroom closet door in the house. And now the family's shoes look so orderly I can hardly believe my eyes. The Racks are bronze finished, 20″ or 24″ long.

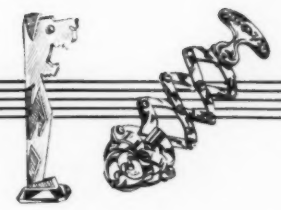
No-Space Hat Holders, $2.00 for set of six

They hold hats out from the wall — the brims don't get curled up. Also there's no danger of a hat being knocked to the floor. Below each ring is a hook for a hanger.



Duette, $9.85

It's really surprising how much I'm saving on dry cleaning since I bought the Duette. It dry cleans—safely, quickly. I just put in frocks, gloves, etc., pour on the non-explosive Duette fluid, turn the handle a minute or two—and out come my things beautifully clean. The Duette can also be used as a washing machine. I use it in that way for the baby's things. Duette fluid, gal., $1.75; ½ gal., 95c.



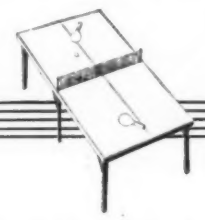
Scottie, $2.25

He's a Bottle Opener. His jaws clamp firmly over a cap and promptly remove it. 5¼″ high, in silver finish.

Zig Zag Corkscrew, $2.00

Pulls corks with no effort at all. All you do is screw it in, extend the jointed handle full length and out pops the cork without argument.

Both Zig Zag and Scottie make hits as bridge prizes, I've found.

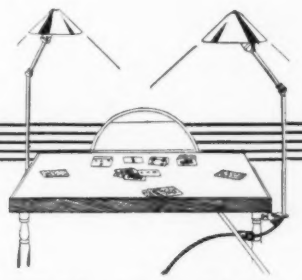


Ping Pong Table, $42.00

For our young folks the Big Chief and I fixed up the cellar—and put a Ping Pong Table down there. Now the young people of the neighborhood congregate there, and many is the jolly time they have. The Table has folding legs and a hinged top, so it folds up when not needed. Painted green, with the courts outlined in white. 5 ft. x 9 ft. Ping Pong Set, $5.75. Smaller table, 4 ft. x 8 ft., $35.00.

Guest Rack, $15.00

I've bought several of these with an eye to the week-end guests the youngsters so cheerfully bring home. The Guest Rack prevents crowding of the clothes closets. It has a coat hanger, a skirt or trouser hanger, shoe trees and pegs for clothes. Mine are nicely finished in mahogany. But you can also get them in walnut or ivory.



Twin Bridge Lamps, $6.00 pr.

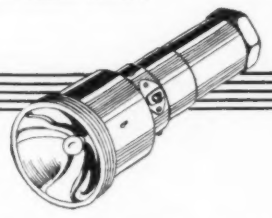
"That's certainly a slick idea!" said the Big Chief. And these Twin Bridge Lights are! They come in pairs and fasten to alternate legs of the table. Each light rears its head on an adjustable arm. They cast an even light without glare in the eyes. One socket takes care of both lights. Enameled in Chinese red, leaf green or black.

Garment Bag, $5.75

So often dust sifts through unlined bags. But it won't with this new Garment Bag. It is of sturdy cretonne, lined with a processed rubber. It's absolutely dustproof—not to mention damp-proof and moth-proof. I'm getting several for my summer things. A Talon Fastener zips the bag open and closed. Room for seven hangers.

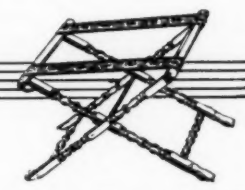
Handy Nail Box, $8.50

It's a perfect treasure. Takes care of all the odd jobs around the house It's only 14″ long. But it holds comfortably five good tools:—hammer, gimlet, tacklifter, screwdriver, pliers—also a rule and a tube of glue—and has no less then twenty compartments filled with tacks, nails, and screws, etc. Finished in walnut.



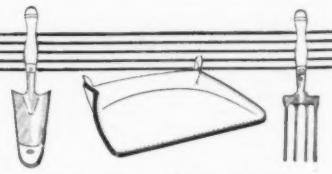
No-Battery Flashlight, $10.00

Well, at last I've found a flashlight that never fails at crucial moments. The No-Battery Flashlight *always* works. Has no battery to get out of order—that's why. Generates its own electricity in fact. All I do is give the handle a wind or two—and I have light. Mine is finished in coral color. I've also seen them in green or khaki color.



Luggage Stand, $9.75

Worth its weight in gold in any family—and especially in mine because we have so many guests. With the stand in full view, people don't plump their bags down on the bedspreads or on the chairs. The Stand holds luggage at a comfortable height for packing. When not needed it folds up. Mine is of solid mahogany. Good-looking ones come in solid walnut and solid maple, too.

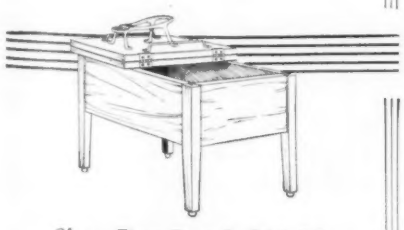


Kneeling Mat, $2.00

I would a-gardening go—especially now that I have a Kneeling Mat. It's made of rose color crinkle rubber, filled, so that it's soft. It's impervious to dampness, can be kept clean with a damp cloth. It also comes in green, blue and orchid—and a giddy rainbow effect.

Fork and Trowel, $1.50 pr.

Handles of seasoned ash, blades of English steel.



Shoe Box Stool, $13.50

I've just bought a maple Shoe Box Stool for the boys' room as a hint to them to keep their shoes shined up. You see, when it's closed it's a good-looking, handy, extra stool. But when the lid is turned back it reveals a chromium-plated foot rest with loads of space beneath for brushes, polishes and cloths. In maple or mahogany finish.

© Lewis & Conger

Janet Gray

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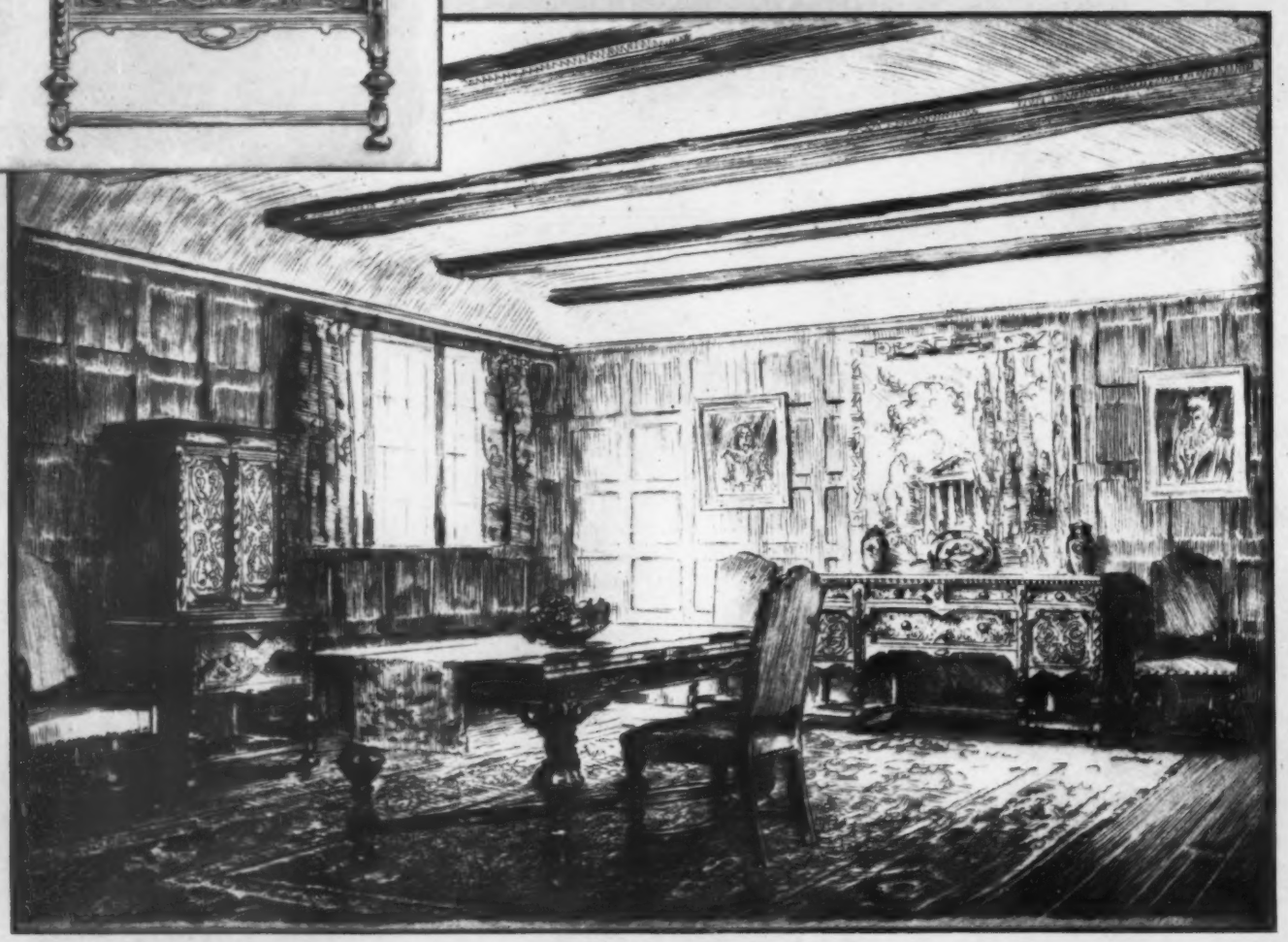
in the
ELIZABETHAN MANNER

All the staunch warm beauty of the times of Queen Bess is echoed in this Elizabethan suite of Oak. The buffet china cabinet and server with combination drawer, cupboard and shelf space . . . the practical refectory table . . . the unusually comfortable chairs—all make this suite as livable as it is authentic. : : : This is but one of many suites that we have created true in design, and perfect in construction, finish and workmanship. We make a specialty of fine furniture which will conform to the size and architectural lines of your home—whether it be period or modern in type. : : : This suite may now be seen in the fine stores throughout the country.

JOHNSON FURNITURE COMPANY

JOHNSON-HANDLEY-JOHNSON CO. • GRAND RAPIDS, MICH.

Creators of fine period and modern furniture



©J-H-J. CO., '30

travel has its niceties . . .

IT DOESN'T MATTER where you're going . . . a week or two at a pine resort . . . Britain . . . a ranch in the heart of the Rockies. But it is important that you travel unencumbered. You want to take those things essential to your journey . . . and nothing more. • For that very reason, no man should be without a toilet case when traveling. In felicitous arrangement, it encloses every article he needs. Mirror, razor and brushes are always where they should be . . . he knows exactly where to find each object, every time. • To men of informed taste, the selection of a toilet case is a simple matter. They govern their purchase, as they choose other pieces of fine leather, by the presence of a tiny golden keystone R. That imprint is to be found upon every article manufactured by C. F. Rumpp & Sons, Inc. It is an infallible assurance of quality . . . the record of pre-eminence attained, as pre-eminence will always be attained, by the application of fair and worthy business principles. • C. F. Rumpp & Sons, Inc., manufacture fine leather articles of every description, excepting luggage. At the better leather goods stores, department stores, jewelers, and stationers.

A A gentleman's toilet case, in brown goatskin, with mahogany colored fittings of hard rubber. The case may be had in other leathers, with other fittings.

B A gentleman's toilet case, in black goatskin. In this case, the fittings are of celluloid. It also may be had in many other leathers, with a variety of fittings.

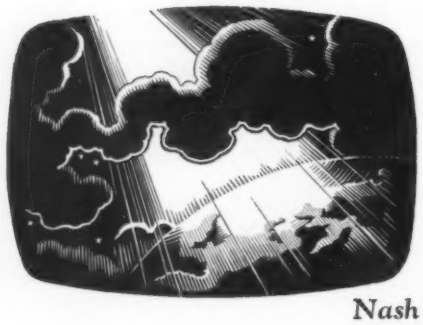
C A writing case, for travel, in black goatskin, lined with tan. It contains a dictionary, address book, memorandum book, calendar, paper knife, space for paper and envelopes, and a blotting pad.

By Invitation Member

C. F. RUMPP & SONS, INC.

PHILADELPHIA AND NEW YORK
ESTABLISHED 1850

THE BEST THAT MONEY CAN BUY



Nash Leads the World in Motor Car Value

ALWAYS you have wanted the best that money can buy. That is a natural and laudable desire whether applied to an automobile or some other product of man's creative enterprise.

For the ambition to own and enjoy the finest things in life is the very motive and mainspring of human progress.

In the world of motor cars money can buy nothing finer than Nash design, Nash engineering or the materials that go into Nash cars.

The eminent professional ability of the great Nash engineering organization is recognized thruout the industry.

And Nash skilled craftsmen are inspired and encouraged to their best effort by the knowledge that Nash standards countenance only the highest quality workmanship.

The expert coordination of all these elements produces for Nash today the finest in motor cars —with engineering features which assure you of greater riding comfort, of finer performance, and, above all, a car of long life and dependability.

TWIN-IGNITION EIGHT

TWIN-IGNITION SIX *SINGLE SIX*

NASH "400"

LOOK TO THE BODY!

THERE is no season when motorists get more downright enjoyment out of their cars than in Spring—especially when it is a Fisher Body car. Now, inviting your inspection in the showrooms of General Motors car dealers—for only General Motors cars are equipped with Body by Fisher—there awaits your visit the widest variety of distinctive body types. All are endowed with still more grace of line, more delightful new color combinations, more luxurious comfort and even greater durability than any Fisher Bodies ever before displayed—any one of them will add immeasurably to your enjoyment this Spring, this Summer and for many seasons to come.

* * *

CADILLAC • LASALLE • BUICK • VIKING • OAKLAND • MARQUETTE
OLDSMOBILE • PONTIAC • CHEVROLET
GENERAL MOTORS

Creative selection, not cost, is the key to bathroom furnishing

It is only recently that the problem of this, the room that distinguishes the homes of the Twentieth Century from the homes of all previous centuries, has been stated by architects and interior decorators.

They have recognized the need of this modern interior for light and air, for materials of perfect suitability, for new forms and variety of color in plumbing fixtures.

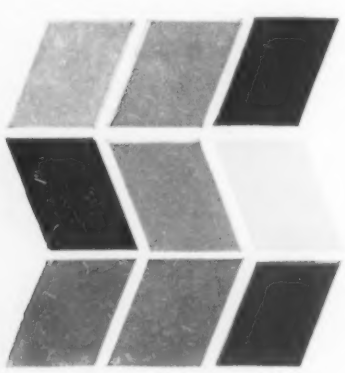
Today there is greater variety than ever before in decorative and comparatively inexpensive building materials. Finer forms for plumbing fixtures have been created by the Standard Sanitary Mfg. Company, forms which, despite the limitations imposed by utility, reveal artistic value in their simplicity of line and beauty of finish.

And now all "Standard" Plumbing Fixture designs, the least as well as the most expensive, are made in these colors: Ming Green, T'ang Red, Ionian Black, Clair de Lune Blue, Ivoire de Medici, St. Porchaire Brown, Orchid of Vincennes, Rose du Barry and Royal Copenhagen Blue.

So with all the fine materials and beautiful "Standard" Plumbing Fixtures now available, beauty in bathroom furnishing is more a question of taste and selection than of cost.

Would you like to read an interesting book which presents the subject at greater length and illustrates many beautiful bathroom designs? "Color and Style in Bathroom Furnishing and Decoration" will be sent on request, and, if desired, information about an easy financing plan.

"Standard"
PLUMBING FIXTURES

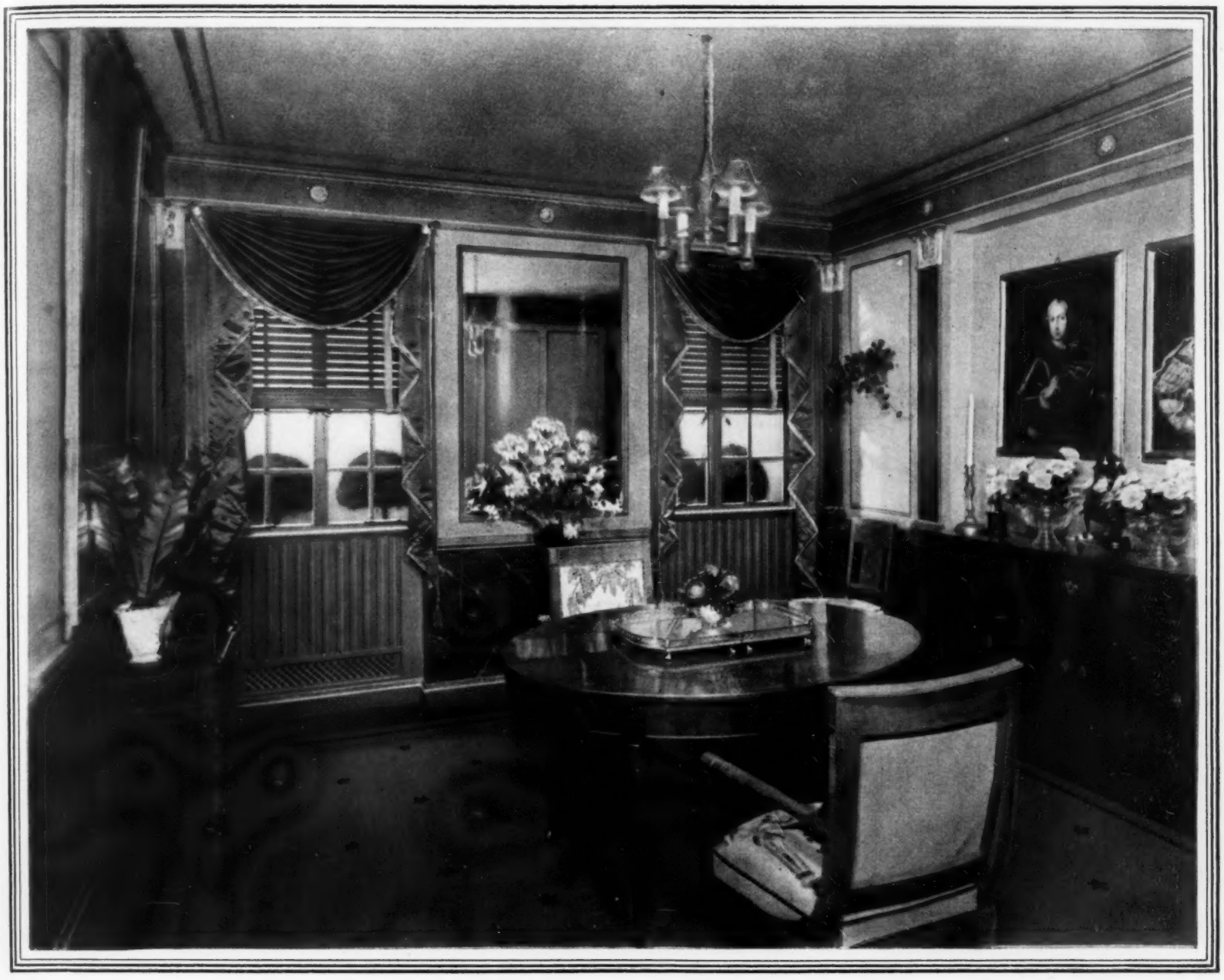


Standard Sanitary Mfg. Co.

106 Sixth Street, Pittsburgh — 18 East 45th Street, New York

DIVISION OF

AMERICAN RADIATOR & STANDARD SANITARY CORPORATION



Fantom–the modern Recessed Radiator conserves health and saves space

The New American Fantom Radiator achieves two things . . . it safeguards the family from getting "under the weather," and it saves space by being recessed under the window. With its flat surface, flush with the wall, it becomes an integral part of the architectural arrangement. And it may be painted to match anything from a drape to a divan.

From the flat surface of the Fantom radiates clean, radiant heat, like the radiant heat from the sun—fresh, pure and healthful; while from the grille work at the top a steady flow of genial warmth brings comfort to every corner of the room. This is the most modern type of radiator, meeting all heating requirements without sacrificing space requirements, and suited precisely to your architectural requirements.

It has won immediate preference by architects, engineers and owners, and is installed in leading hotels and office buildings throughout the country.

With "American" Fantom Radiators upstairs and an "Ideal" Boiler downstairs, your home or other building is equipped with the best that can be made today, and is assured of healthful warmth and comfort for a lifetime with minimum cost and care.

Write us for descriptive literature, and call in a reliable heating dealer for detailed cost. No obligation whatever.

AMERICAN RADIATOR COMPANY

40 West 40th Street, New York

DIVISION OF

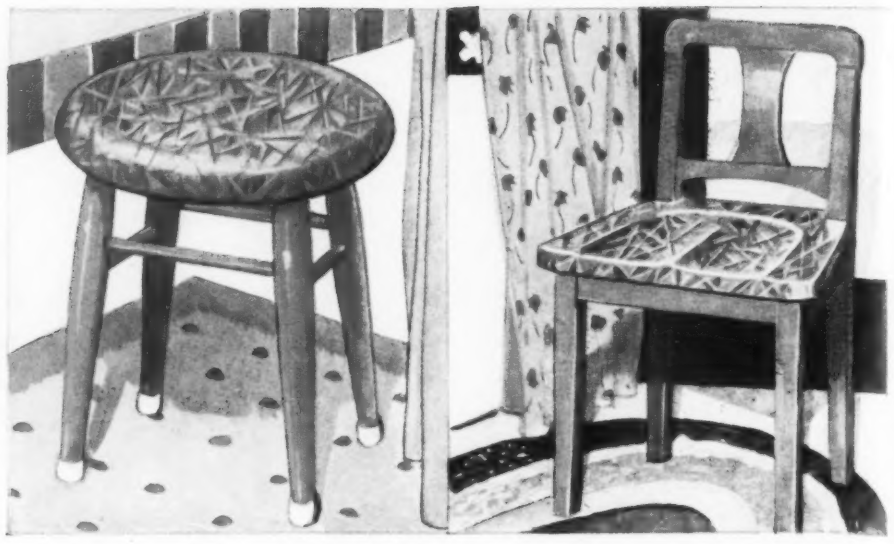
AMERICAN RADIATOR & STANDARD SANITARY CORPORATION

About Your

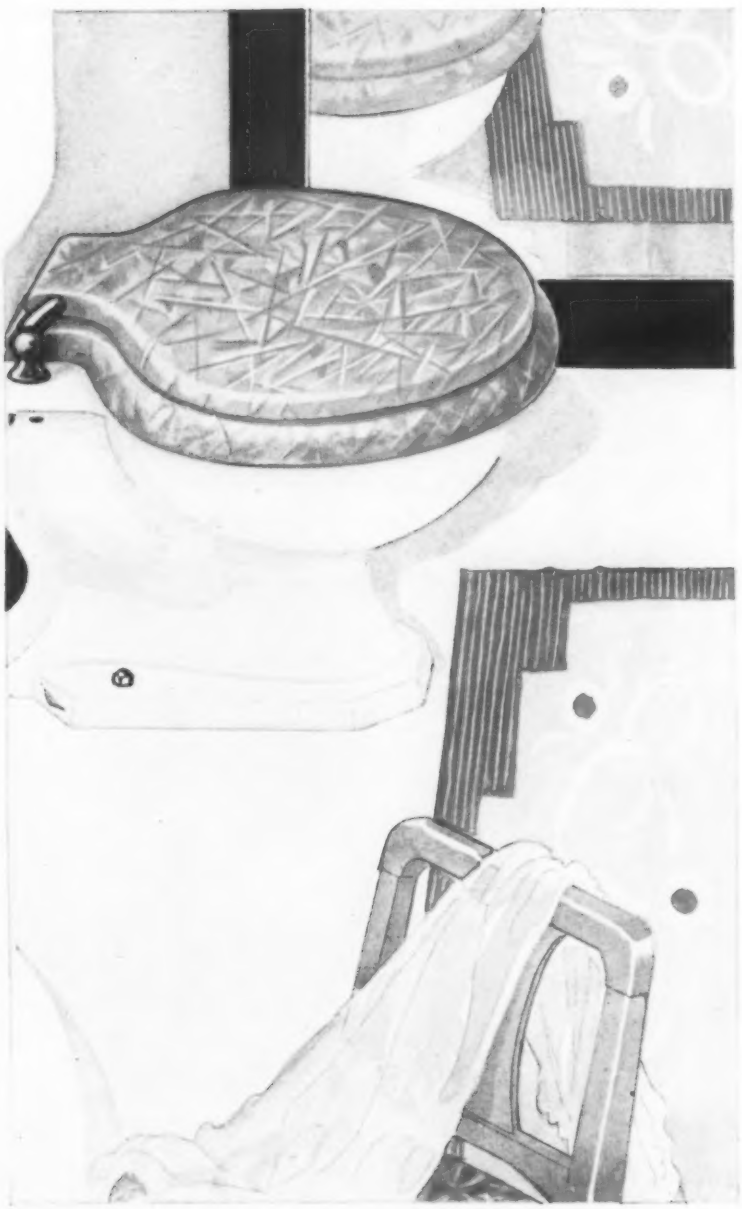
HOT WATER SUPPLY

The Hotcoil Heater gives constant hot water and operates with the utmost economy. Write for details.

FOR A MODERN AND CORRECT COLOR SCHEME IN YOUR BATHROOM CHOOSE A



CHURCH TOILET SEAT

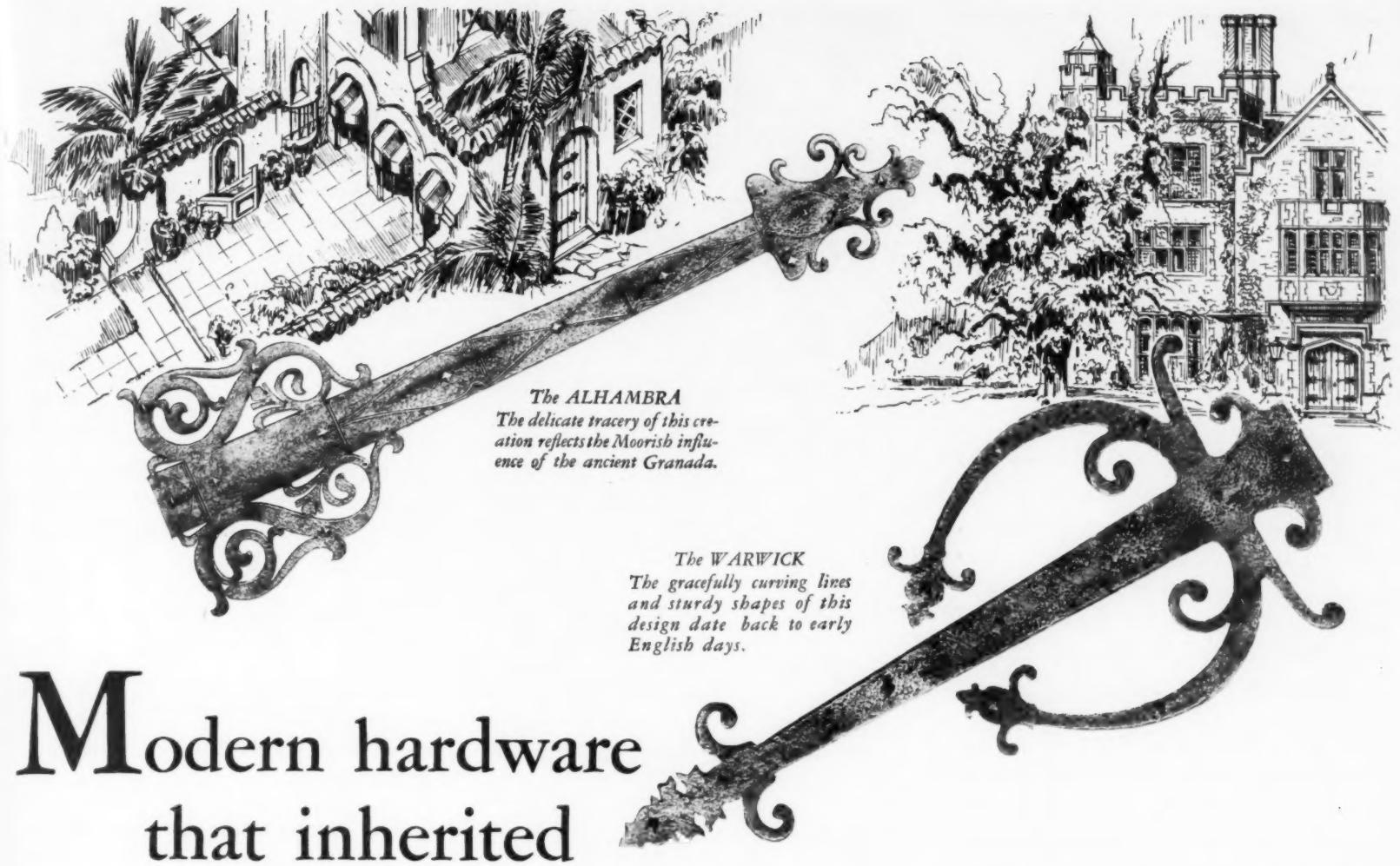


AVAILABLE IN MANY DIFFERENT SHADES

IN NO ROOM of the house is it so easy to add a note of modern color, quickly and inexpensively, as in the bathroom. Here a Church Colored Toilet Seat, with Bathroom Stools and Chairs to match, can be made the central theme. These beautiful pieces of bathroom furniture will add life and warmth to your bathroom. Complemented by such furnishings as colored bath mats, towels, window and shower curtains, Church Colored Toilet Seats and Bathroom Furniture make it easy to create the latest color effect. A complete range of beautiful pastel shades and lustrous sea-pearl tints give you an opportunity to create the very color scheme you have so long desired. . . . And Church Toilet Seats, Bathroom Stools and Chairs are so durable! They really become a lasting improvement. They will always retain their original color and bright, beautiful luster. They have been sold by good plumbing stores for more than a generation. Send for our color folio, full of suggestions on beautifying the bathroom in the Church way. C. F. Church Manufacturing Company, Dept. H-5, Holyoke, Massachusetts.

CHURCH sani-SEATS

"TOILET SEATS FOR BETTER BATHROOMS"



The ALHAMBRA
The delicate tracery of this creation reflects the Moorish influence of the ancient Granada.

The WARWICK
The gracefully curving lines and sturdy shapes of this design date back to early English days.

Modern hardware that inherited all the beauty of its honored ancestors

In creating McKinney Forged Iron Hardware no attempt was made to "modernize" the designs which had stood the test of generations during the age when artistry in metal was at its height. Instead McKinney used today's knowledge of the arts to retain every line and curve and hammer-blow. Each piece of this famous hardware is accurate for application, thoroughly rust-proofed and priced so that modest-sized homes may enjoy its enduring beauty.

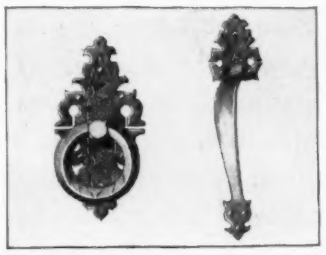
McKinney Forged Iron Hardware is furnished in six original designs. Those illustrated are: the Warwick, which bespeaks the spirit of old England; and the Alhambra, which reflects the Moorish influence of ancient Granada.

Alhambra Cylinder lock entrance door handle.

Three others — Heart, Tulip and Curly Lock—are essentially Colonial in character; while the sixth — Etruscan — is of Southern European extraction.

Everything needed in hardware for any home is available in every design. Entrance door sets such as handles, drop rings or levers operating cylinder locks; hinge straps and strap hinges; interior latch sets; hammered old brass and iron knobs or lever handles; garage hardware, and door studs. Each design is furnished in three rust-proof finishes — Dead Black Iron, Relieved Iron and Rusty Iron. The Relieved Iron often is designated as Flemish or Swedish Iron.

That you may study the various Forged Iron designs and make the selection which fits the personality of your home McKinney offers a beautiful Brochure. Between its covers you will find illustrations of interesting doorways, trimmed with the proper hardware. Other illustrations show shutter designs and attractive kitchen arrangements.



Warwick Drop Ring entrance door set at left. Inside handle trim at right.

To receive a copy of this Brochure just fill in the coupon and mail it to *Forge Division, McKinney Manufacturing Company, Pittsburgh, Pa.* There is no charge.

McKINNEY HARDWARE

"The Jewelry of the Home"

FORGE DIVISION (H&G)
McKINNEY MANUFACTURING CO., Pittsburgh, Pa.
Kindly send me your Brochure on Forged Iron Hardware.

Name .....

Address .....

MY EFFORTS WERE ALL IN VAIN

"My lovely things were laid away tenderly in the chest upstairs. The other day, I went to get an extra blanket. At first I couldn't believe what I saw . . . then, I had to. All my efforts to protect delicate silks and woolens had been in vain... my most precious things were riddled with moth holes!"

In exactly this way millions of dollars worth of clothing and household effects are needlessly destroyed each year by moths. The odors of cedar, moth balls, camphor and the other "repellents" are now found by the United States Government* to be almost worthless when used under ordinary conditions. For example moth proofing solutions are not mentioned in Government Bulletin No. 1353 which fully describes approved methods of preventing moth damage.

It is no longer necessary to entrust valuable clothing, blankets, etc., to the inefficient and futile methods of the so-called moth-proofing solutions and moth preventatives. The Plymetl Vault offers complete protection by a Government approved process. It employs a truly effective method of destroying all moth life . . . a method completely dependable and yet extremely simple. Because of this fact, the Plymetl Vault is far superior to cold storage. Refrigeration merely stupefies the moths; a few hours in a warm closet renders them just as destructive as ever . . . the Plymetl Vault kills all moth life without the slightest injury to the most delicate fabrics.

*"For many years these materials have been called 'moth repellents' and it was believed their odor would keep moths from entering a closet or drive them out if they were already there but we now know that such is not the case," says Mr. Abbott, Government Expert.

In addition to being an absolute safeguard against moths, the Plymetl Vault keeps dirt and dust from your clothing —cleaning bills are reduced to a minimum. It is also practically burglar-proof —its steel walls and multiple tumbler lock are beyond the skill of the household thief.

Because of its fireproof construction the Vault is frequently built in as a permanent and distinctive feature of modern apartments and homes. A floor space only two feet square allotted to the Vault provides a convenience of recognized worth.

A Plymetl Vault is an excellent investment in clothing protection — the money you will save by fully safeguarding your clothes will buy you the permanent protection of this personal clothes vault.

Let us send you further particulars — fill out the coupon for complete descriptive literature and prices.

Progressive distributors and dealers are invited to send for particulars of our interesting sales plan.

Haskelite Manufacturing Corporation, 120 S. La Salle St., Chicago, Ill.
I am interested in learning more about Plymetl Clothes Vaults. Please send complete information. I will not be obligated and I understand representative will not call unless requested.

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Street _____

City_____ State_____ H.G.-5

WALLS of SATIN LUSTER

Thibaut, distributor of *Permatex* for wall covering, presents the first of a series of distinctive new designs. It may be seen at the Thibaut showrooms, 24 West 40th St., New York, or any of their branches. Decorators may obtain samples upon request.

Shimmering beauty for your walls lies in this fabric whose luster never fades

Whether your home is mellowed
by the calm dignity of fine old furniture,
or sings with the brightness of the newer mode,
Permatex makes every wall a background of harmonious beauty.
To the eye, this new fabric gleams with the luster of satin.
Beneath your fingers its suave sleekness
glides with the richness of old silk. Its glowing luster will never dim—
its lovely colors resist the sun.
And, with all that, *Permatex* is waterproof, cleanable—
at the whisk of a damp cloth
it is freshly new, radiant as ever.
Permatex is presented in such a range of colors
that every decorative scheme can be provided, every desire met.
Your decorator will be glad to show you samples.

● Permatex wall covering is a further development of its wide-spread acceptance for drapes, curtains, upholstery and slip covers, displayed by H. B. Lehman-Connor Co., Inc., 58 W. 40th Street, New York, or any of their branches.

PERMATEX

TRADE MARK REGISTERED

FOR WALL COVERINGS

Permatex Fabrics Company
Division of the Aspinook Company
11 West 42nd Street, N. Y. C., Mills: Jewett City, Conn.

Environment that adds much to living

BECAUSE its pure beauty of design and sincere quality are conducive to higher ideals of home environment, Valentine-Seaver living room furniture becomes much more than a mere vehicle of physical comfort or decorative expression. It raises home life to a higher plane. ¶ The Valentine-Seaver sofa and chair illustrated are very typical. The sofa is an 18th Century French adaptation with graceful back and arms and serpentine front. It is Valuxsea down-cushioned and covered in rich antique velvet. The George Washington chair, a replica of the Master's Chair in the Masonic Lodge at Alexandria, Va., is covered in Jaspé Epingle, a very smart style of frieze, and Valuxsea down-cushioned. ¶ Valentine-Seaver living room furniture has long enjoyed preference among people of wealth. Yet it is easily available to those of moderate means. ¶ Should you not recall the name of a Valentine-Seaver dealer in your locality, please write us. We shall be happy to tell you his name and send a copy of our book—"Modern Furniture for the Living Room."

TABLE BY THE FURNITURE SHOPS, GRAND RAPIDS, MICH.

VALENTINE SEAVER

DIVISION OF KROEHLER MFG. COMPANY

Largest manufacturers of upholstered Living Room Furniture in the world—
4127 George Street, Chicago—New York Display Room—1 Park Avenue, New York City

A RHYTHM OF COLOR FOR THE TABLE BEAUTIFUL!

THIS exquisite Gobelin Pattern rendered in Spode's Bone Porcelain is an adaptation of a Tapestry design from the great Period of Louis XIV. The deeper shades of rose, blue, and green have been wrought with an emotional verity that reaps warmest approval. Discerning hostesses at once envision the fascinating possibilities in table decoration when combining this Gobelin Pattern with colorful glass, sparkling silver, and fine linen. It is as expressive of individuality as it is of that most charming and cultured Period in French history. You will love it for the added pleasure it will bring to yourself and your guests. Not every store is privileged to show you this beautiful pattern. Write for name of the Spode dealer nearest you. Copeland & Thompson, Inc, 206 Fifth Avenue, New York City.

By appointment to His Majesty, The King, and to H.R.H., The Prince of Wales

SPODE

The new Colorcovers are the perfect blankets for your summer home.

Colorcovers are styled and colored in the spirit of the day, with an artistic distinction hitherto unpossessed by blankets. The ultra smart patterns and harmonizing color combinations offer you a new and charming decorative medium.

You can use them on every bed, change them as often as you change your decorative scheme, without extravagance.

At your favorite shop, ask to see the new Colorcovers.

Colorcovers

W. S. LIBBEY COMPANY, Inc.
44 WORTH STREET, NEW YORK CITY
222 WEST ADAMS STREET, CHICAGO, ILL.

W. S. LIBBEY COMPANY, INC., 44 Worth Street, New York

Dear Sirs: Please send me your booklet "A Message from Virginia Hamill," containing hints on bedroom decoration and color ensemble by this famous authority, and showing complete range of COLORCOVERS.

Name.....

Address.....

Josiah Wedgwood
Born 1730

THE PORTRAIT OF Josiah Wedgwood by Sir Joshua Reynolds has been reproduced on a Queensware plate as an anniversary souvenir. + +

The Two Hundredth Anniversary of the birth of Josiah Wedgwood is being celebrated this year at Stoke-on-Trent, and a program of unusual interest has been planned for the week of May 18th to 24th. This program includes a loan exhibit of Eighteenth Century Pottery, an important exhibit of Modern Pottery, an historical and industrial pageant to take place daily, a Military Tattoo, and other features. Voyagers to England are cordially invited to attend this celebration, and to visit Etruria, where they will be afforded every facility to inspect the Potteries and the interesting collection in the Wedgwood Museum.

We shall be pleased to send you, upon request, a copy of our illustrated booklet.

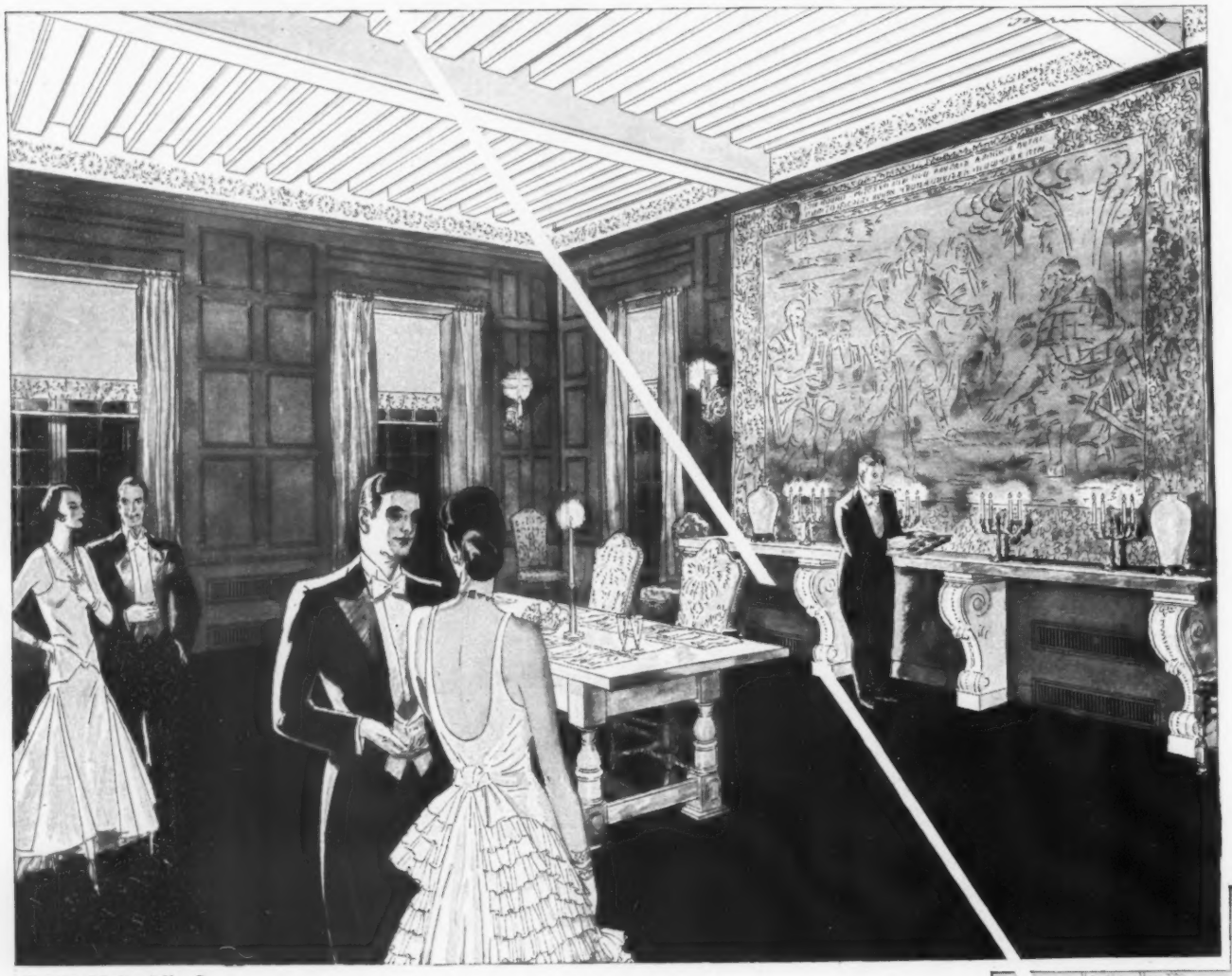
Josiah Wedgwood & Sons, Inc.
OF AMERICA

160 FIFTH AVENUE · NEW YORK
Northwest corner of 21st Street
WHOLESALE ONLY
Potteries: Etruria, Stoke-on-Trent, England

Mark on China
WEDGWOOD

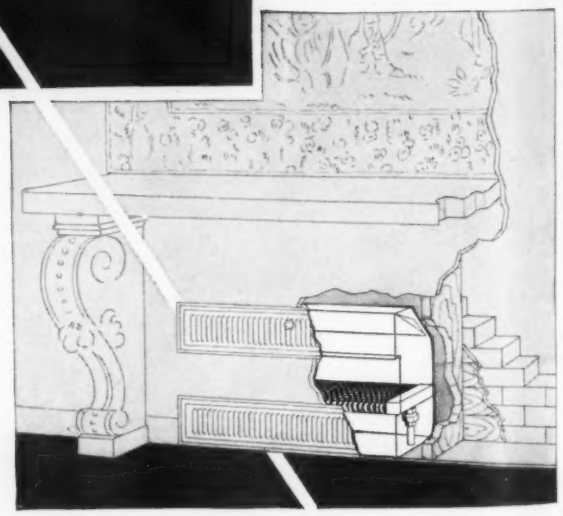
Mark on Jasper, Basalt, Queens's Ware, Etc.
WEDGWOOD

MODERN



Modern ideas of heating demand complete comfort, but they frown upon the intrusion of heating equipment into the otherwise perfect room.

© 1930, Modine Mfg. Co.



MODERN Modine Concealed Radiation—built of copper, and hidden away in the wall, out of sight — lends the touch of complete harmony to room settings of any period.

Unobtrusively, it floods the room with a congenial warmth and permits of easy control that assures an even comfort in all weather. A Modine equipped home is a distinctive home because its heating is the heating of tomorrow.

Your architect or heating contractor will be glad to tell you about Modern Modine Concealed Radiation. Or a query addressed to us will bring complete information about this better method of room heating with steam, vapor, vacuum or hot water heating systems.

MODINE

COPPER A MODINE Product RADIATION

MODINE MANUFACTURING COMPANY

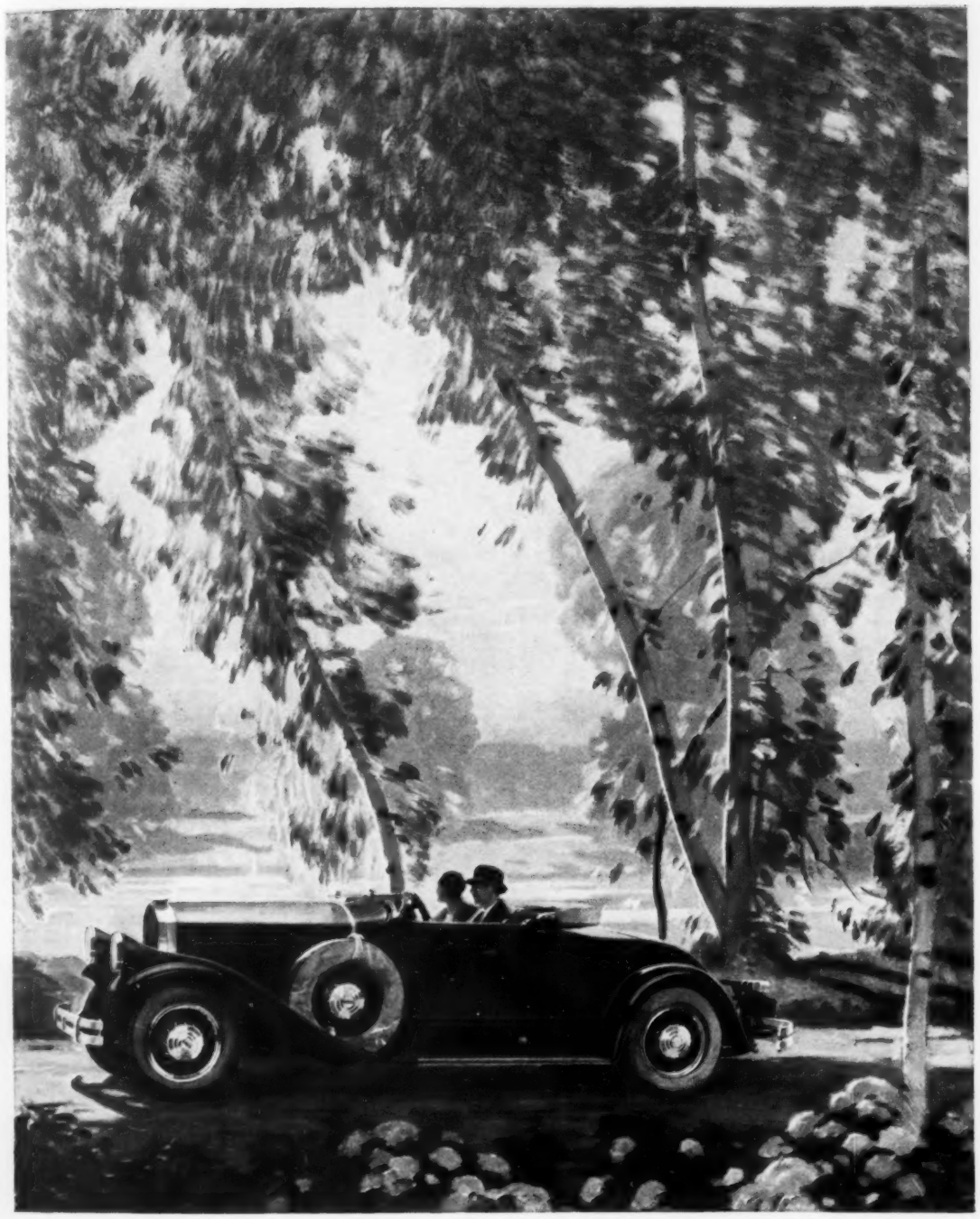
Manufacturers of Unit Heaters, Domestic Copper Radiation, Automotive Radiators

1709 RACINE STREET RACINE, WISCONSIN

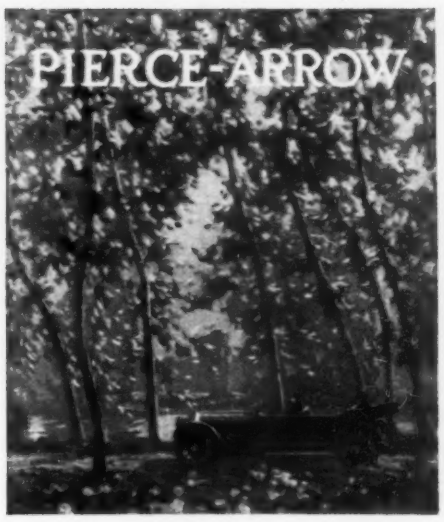
New York Show Room, Architect's Bldg., 101 Park Avenue

London Office: S. G. Leach & Co. Ltd., 26-30 Artillery Lane

Albany	Buffalo	Columbus, O.	Grand Rapids, Mich.	Milwaukee	Omaha	St. Louis
Atlanta	Charlotte, N.C.	Dallas	Indianapolis	Minneapolis	Peoria	San Francisco
Baltimore	Chattanooga	Denver	Kansas City	New Haven	Philadelphia	Seattle
Birmingham	Chicago	Des Moines	Knoxville, Tenn.	New Orleans	Pittsburgh	Spokane
Boston	Cincinnati	Detroit	Louisville	New York	Portland, Oregon	Wichita
	Cleveland	El Paso	Memphis	Oklahoma City	Richmond	

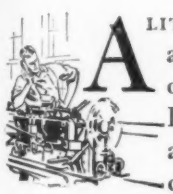


Many Spring seasons and many Pierce-Arrows have passed between the two portraits by Chichester on this page . . but the season brings back the same fresh beauty to the scene each year, and the car continues to be America's finest motor car.



Pride of Craftsmanship

Builds America's Finest Motor Car



A LITTLE less than two years ago, a group of earnest men took over the management of Pierce-Arrow. The task was approached with the confidence of long experience—but also with a great reverence for a fine name, a distinguished achievement.

What makes Pierce-Arrow fine is something more than engineering genius, more than excellent materials, more even than its own high ideals. It is the effort of men whose pride is in the work of their hands.

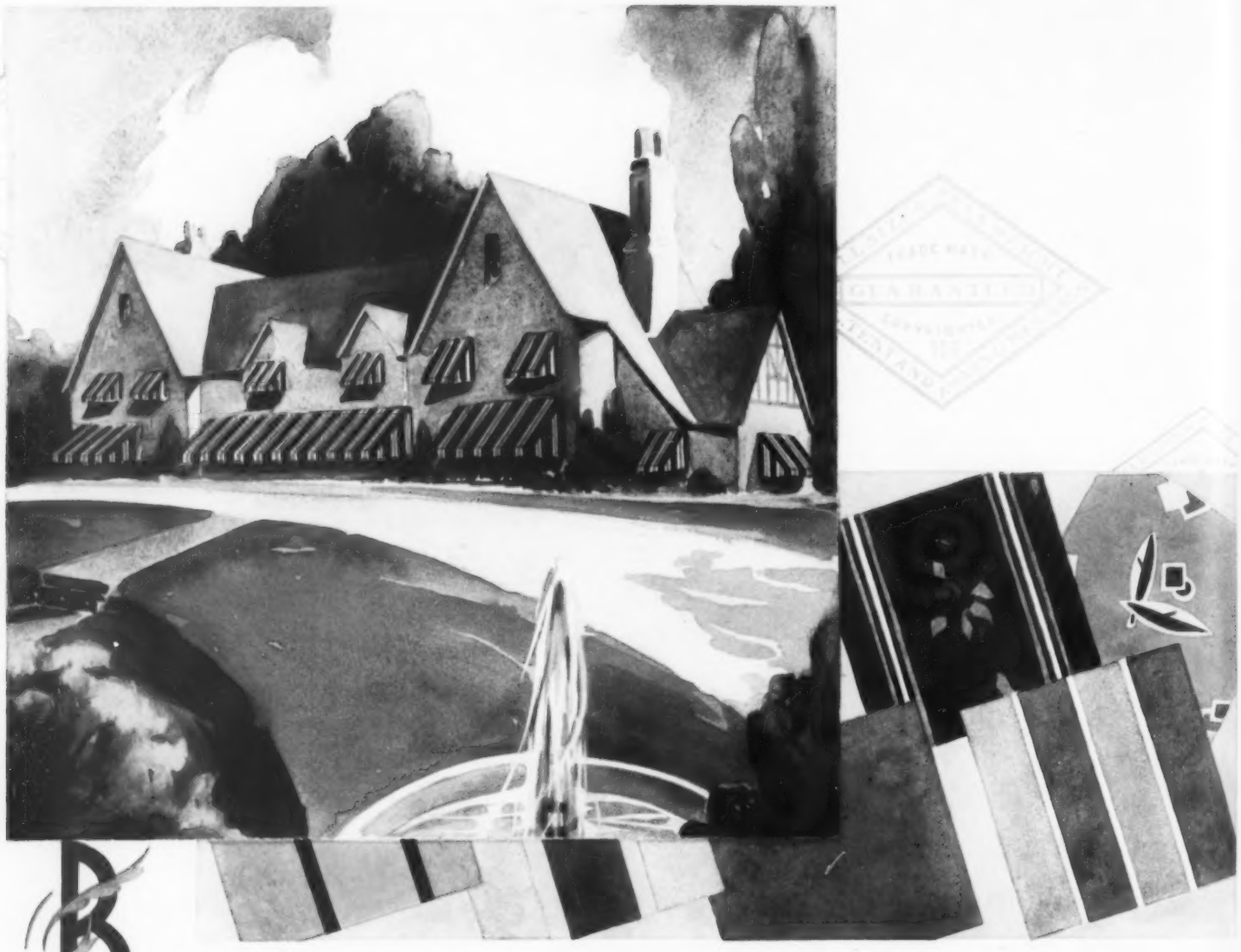
Today, in the great Pierce-Arrow plant, are builders of automobiles who work to standards that their fathers followed—standards of fineness and precision that are regrettably rare in this machine age.

And if that sounds like foolish idealism, Pierce-Arrow is proud of the distinction—and of the approval of men who work to a tradition that forever bars the unworthy.

It isn't a problem in such circumstances to build America's finest motor car. It would be difficult to do otherwise—and, in the presence of its builders, to call it Pierce-Arrow.

THREE NEW GROUPS
132 to 144-inch Wheelbases
$2695 to $6250 at Buffalo
(Custom-built Models up to $10,000)

PIERCE-ARROW



BEAUTIFY YOUR HOME‹ ‹ MULTIPLY YOUR COMFORT WITH ASSOCIATION AWNINGS

Your home may be stately and impressive . . . small and cosy, or halfway between the two. But any home is more attractive . . . cooler and more comfortable with ample awnings. The new awnings set the pace in this color age . . . vibrant, scintillating . . . brilliant for architectural contrast . . . subdued for subtle harmony. Select your awnings with care . . . better yet, select your awning maker. Membership in the National Tent and Awning Manufacturers' Association is your best guide. It implies skill, stability, integrity . . . best guarantees of your lasting satisfaction. Send for the Style Book of Awnings and the name of the Association member in your vicinity.

< ❖ >

THE NATIONAL TENT & AWNING MANUFACTURERS ASSOCIATION INCORPORATED

417 S. Dearborn Street ❖ Chicago, Illinois

There are members of the Association almost everywhere in North America.

The BEAUTY *That Lies So Near!*

AMID the crude comforts of the first Pilgrim huts—Windsor Chairs flowered in gracious lines and gentle curves that for true beauty have never been surpassed.

And to-day, three centuries later—thanks to Nichols & Stone's three generations of craftsmanship—to the splendid facilities of the world's greatest Windsor plant—*genuine* Nichols & Stone Windsors, carrying out the traditional beauty of priceless Colonial originals, are available at prices that make them first choice for "any room in any home." The Nichols & Stone shop mark underneath each seat, and the gold and brown shield-shaped tag identify *genuine* Nichols & Stone Windsor Chairs.

"The Charm of Wayside Inn" fittingly illustrates the inherent harmony of Windsor Chairs. Write for free copy to

Dept. C-30

NICHOLS & STONE CO.

THE HOME OF WINDSOR CHAIRS

Gardner Mass'Us

HITCHCOCK
Side Chair
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PRISCILLA
Side Chair
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Dresser Bench
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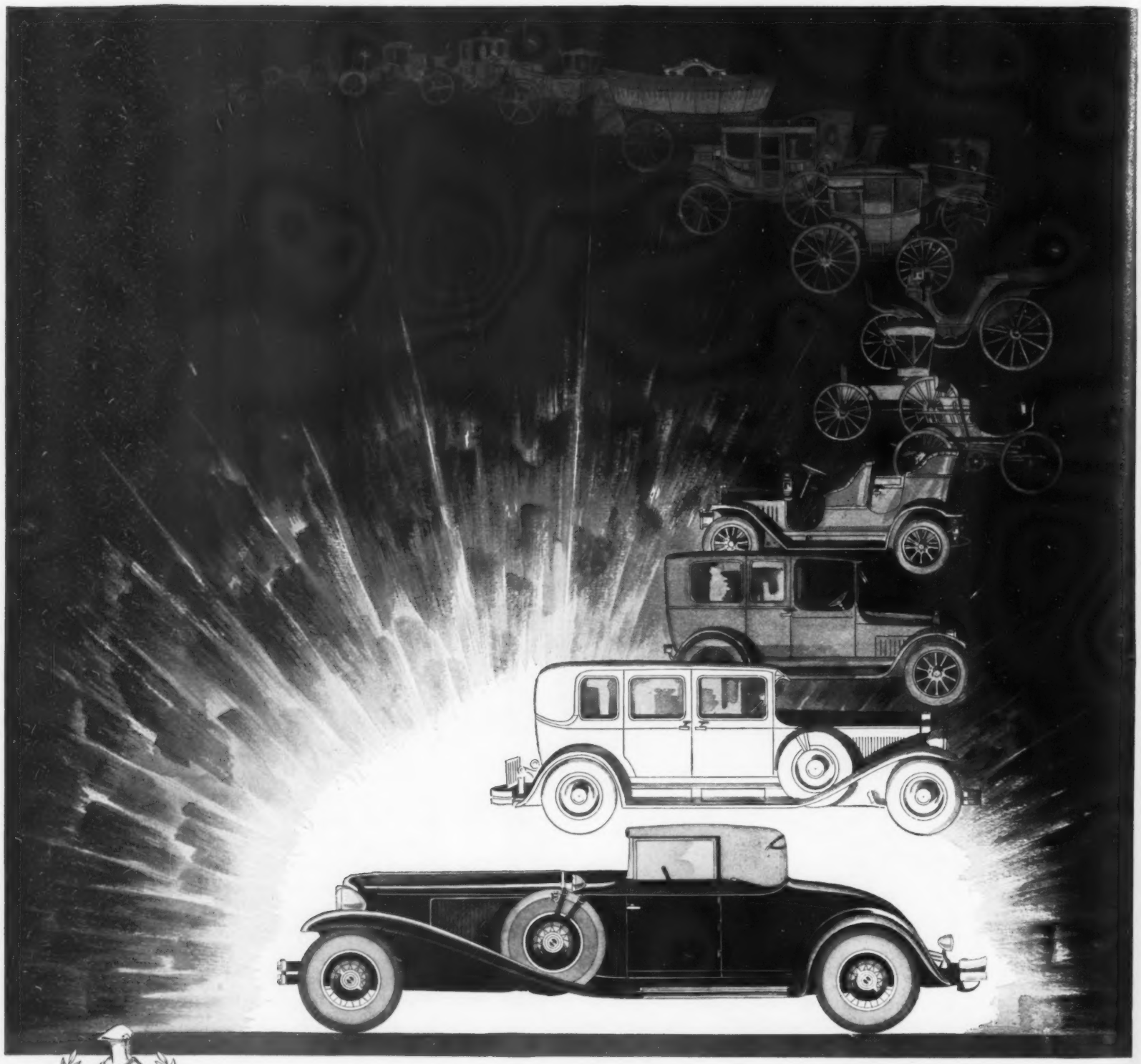
NICHOLS & STONE CO., *Department C-30, Gardner, Mass.*
Send free copy of Wayside Inn Booklet and nearest dealer's name to
Name.....
Street & No.....
City & State.....



Cord Cabriolet

There is a word in aviation that aptly describes the advantages of having a car pulled instead of pushed. It is, maneuverability. Applied to the Cord, it means the ease, quickness and certainty with which it can be driven. The result is not only greater safety under all driving conditions, not only less fatigue and increased comfort, but also a new zest to motoring—E. L. CORD

CORD FRONT DRIVE

SEDAN $3095 . . BROUGHAM $3095 . . CABRIOLET $3295 . . PHAETON $3295 Prices F. O. B. Auburn, Indiana. *Equipment other than standard, extra*

AUBURN AUTOMOBILE COMPANY . AUBURN, INDIANA

DINNER SERVICES From CENTURY OLD FIRES OF ITALY'S ART

Carbone INC.

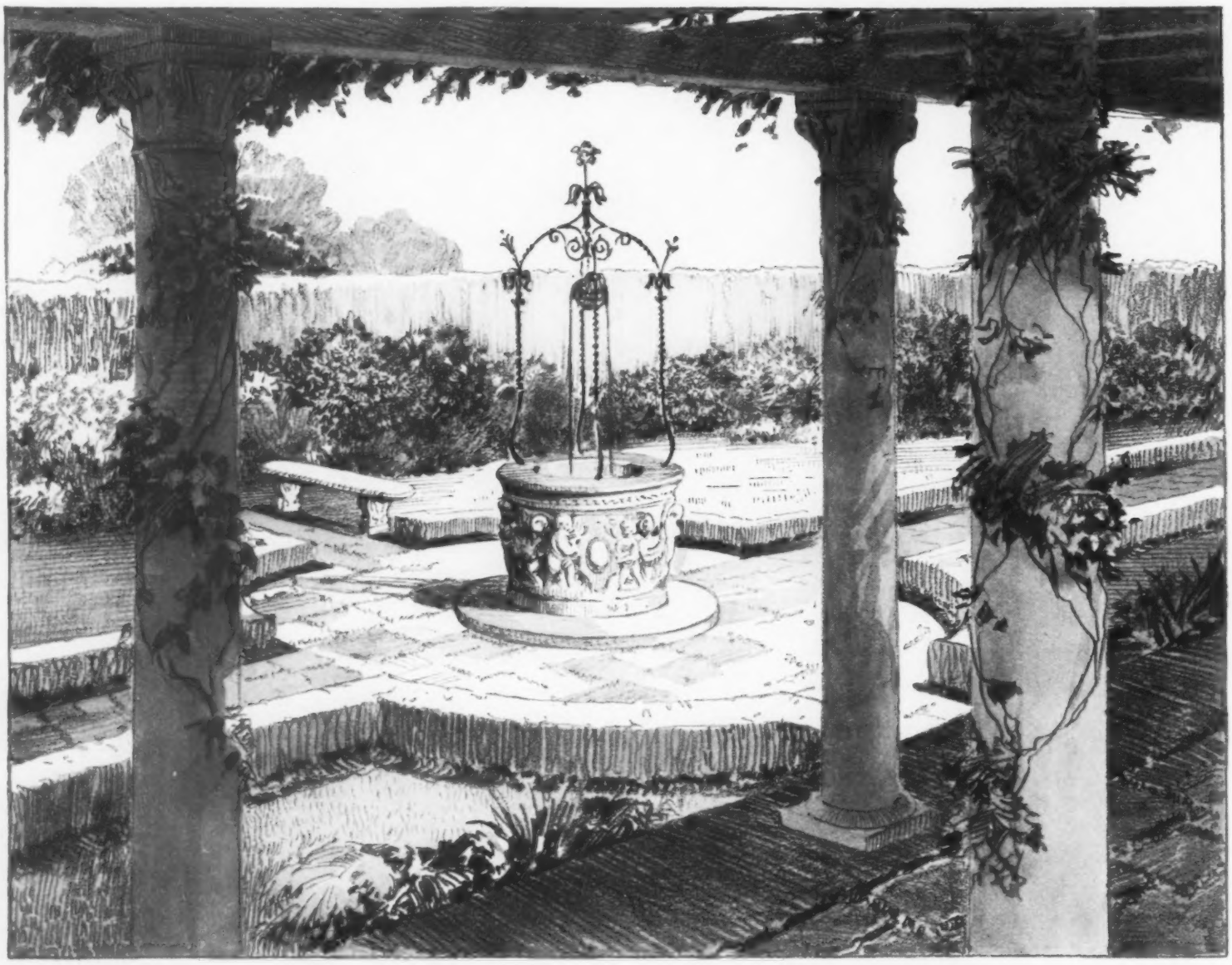
348 CONGRESS STREET, BOSTON

120 Fifth Ave., New York - 620 No. Michigan Ave., Chicago

Many of the master craftsmen who supplied the tables of ducal families with their glass and pottery four hundred years ago organized many "bottege" (or studio workshops) that are active today. The examples of plates and Venetian glassware shown here will bring service, color, and romance to your table. ★ ★ Course dishes that may be added to from time to time are selected by the friends of today's bride - - a pleasant custom in the eyes of those who recognize beautiful table accessories.

MENTION OF THE DEALER'S NAME WHERE YOU BUY TABLEWARES WILL BRING OUR BOOKLET ON ITALIAN MAIOLICA AND GLASS FOR THE TABLE.

Charming Reality —



"Poems in Stone," Love Seats, Sun Dials, Bird Baths, interesting old Columns, Well-Heads . . . Surely, in our Collection, you will find some choice piece that will make your garden even more beautiful by adding to Nature's handiwork a touch of the hand of man! Many of these lovely garden pieces have enhanced the loveliness of Italian villas. All are of faultless design.

If you cannot come, write to us about your garden, so that we may offer suggestions and send you photographs of available pieces. Address us at New York, Department HG.

WM. H

"And the Springtime arose
in the Garden fair,
Like the Spirit of Love felt
everywhere;
And each flower and herb
on Earth's dark breast
Rose from the dreams of
its wintry rest!"

OVER A HUNDRED YEARS OF SERVICE TO THE

for the garden of your dreams!

ONCE AGAIN, the urge of Springtime takes root in the heart of man! Once again, Nature invites him to make the most of her bounty—to try and fuse her generous gifts with his own knowledge of things beautiful, into a haven of peace and joy.

For more than a hundred years, we have been importing garden furniture from exclusive sources abroad, particularly from Italy, where for centuries nature-loving men and women have contrived to make their gardens a place in which to live, to love and to be happy.

We invite you to come and avail yourself of our many years' experience in helping others to achieve those ingenious pleasantries in garden design that hold so much of interest and diversion for those to whom in these hurried, harried times "The Garden's flowery food is sweet forgetfulness."

America now accepts the principle of formality for little nooks, as well as for larger estates. Indeed, the more one lacks in space, the more apt one must be in those happy little touches that cause one to overlook the garden's limitations. A single bench sometimes will make charming the corner that would otherwise seem crude and unfinished.

A visit to our shop would be an interesting one for you. Our welcome will be just as sincere if you only come to study these beautiful objects.

"I am a shadow, so art thou,
I mark time—dost thou?"

JACKSON COMPANY

2 West 47th St., New York

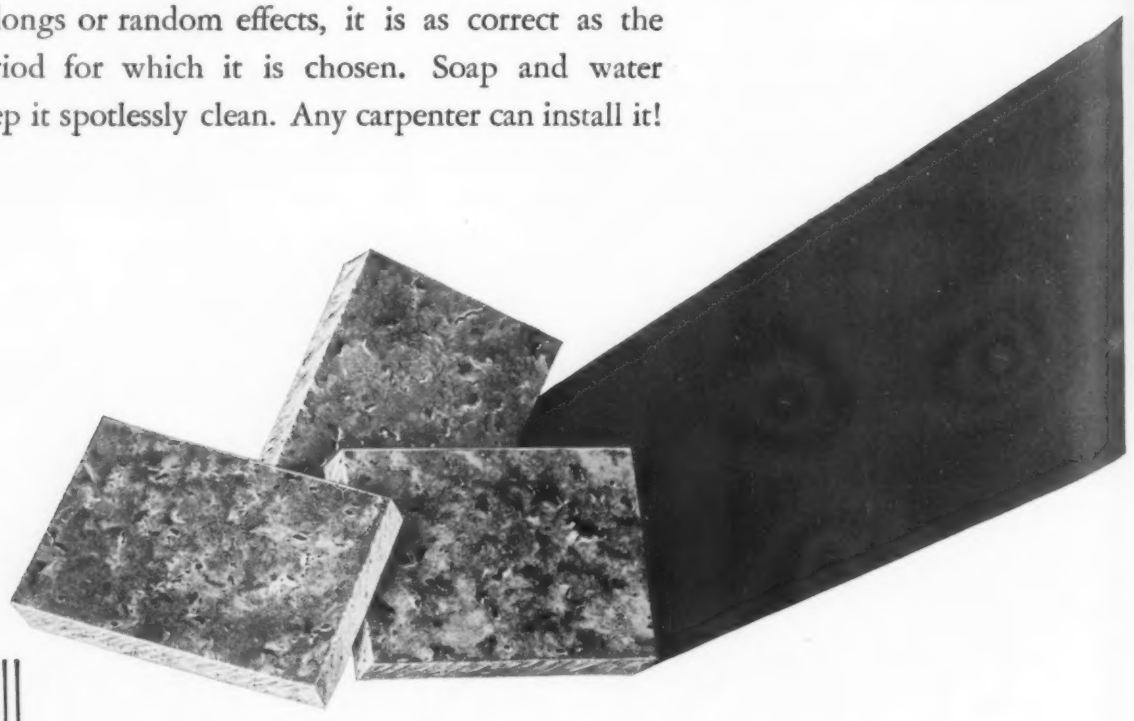
318 No. Michigan Ave., Chicago

ZENITHERM

For Walls and Floors

Smartly Resilient Under Foot Wherever Smart Folks Gather!

ZENITHERM adapts itself as readily to exterior architectural motifs as to interior! To the eye it seems to be some rare Italian marble! To the foot, it is comfortably resilient—ideal for dancing! To the weather, it reacts like stone. It actually toughens under the elements. There is therefore *economic* value in Zenitherm as well as architectural beauty. Indeed, Zenitherm has come to be the accepted mode in finer homes as well as exclusive clubs—not only for *floors* but for *walls!* In squares, oblongs or random effects, it is as correct as the Period for which it is chosen. Soap and water keep it spotlessly clean. Any carpenter can install it!



Zenitherm, a fabricated material for walls and floors, "looks like marble but is sawed, nailed, and worked like wood." It is fire resistant, weather-proof, highly resilient. Your architect has complete details in Sweet's Architectural Catalogue.

ZENITHERM

General Offices: KEARNY, N. J.

PHILADELPHIA ◆ CHICAGO ◆ BOSTON

Zenitherm Flooring in the Patio of the Oasis Club, Palm Beach, Florida.

THINK of it! An outdoor floor of Zenitherm that "looks like marble, wears like marble, but can be 'worked' like wood!" Aside from Zenitherm's contribution to outdoor dancing comfort, what splendid emphasis it brings to Zenitherm's all 'round practical beauty, for floors and walls whether *exterior* or *interior!* Zenitherm's twenty-one color tones permit a blending of full and subdued effects that harmonize or contrast perfectly with any decorative scheme. Your architect or decorator can tell you all about Zenitherm. Or write us direct.

A. G. H. Rinaldo

PRESIDENT

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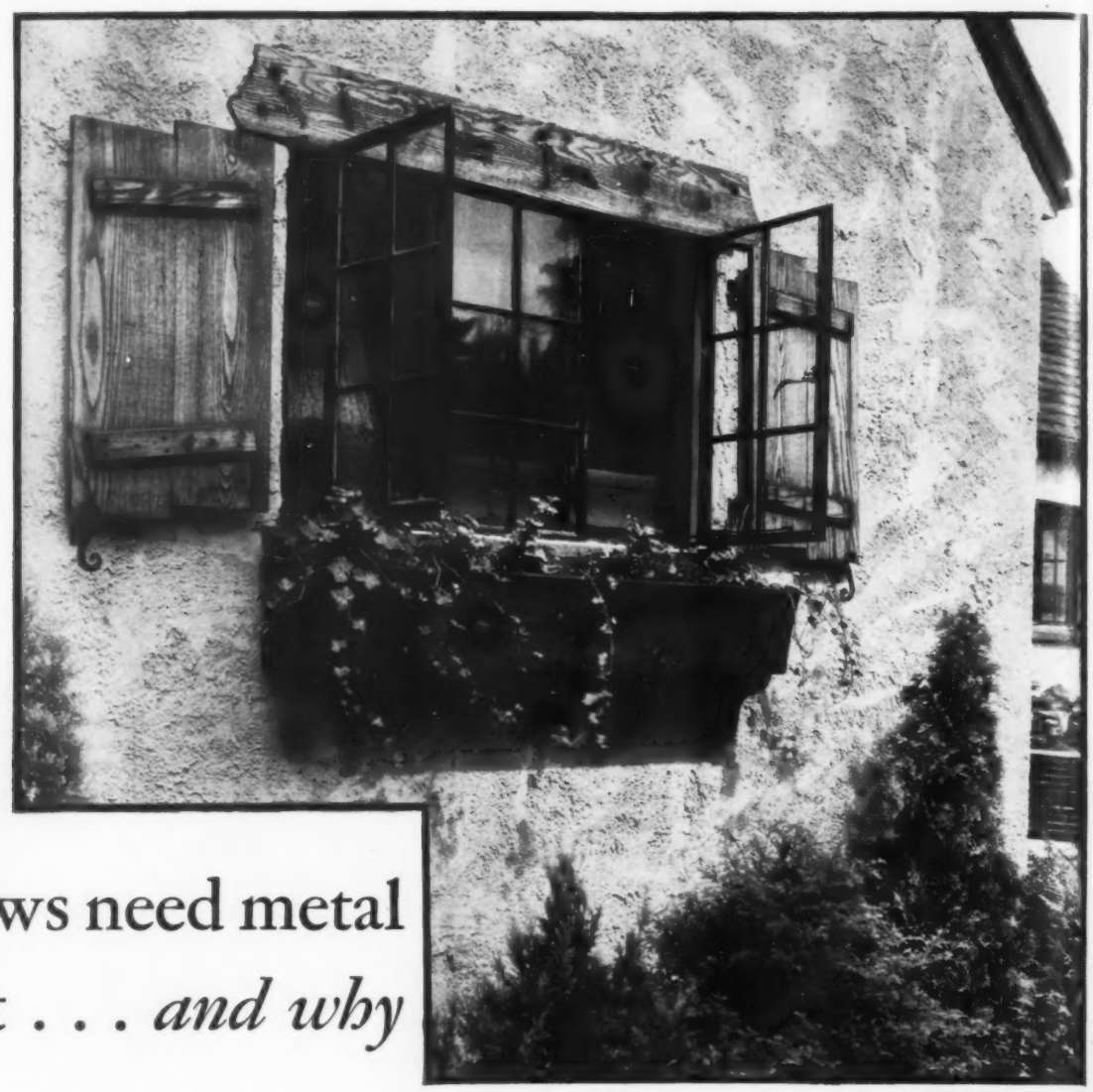
N. J. 110 East 42nd Street, New York, N. Y.

ON ◆ SAN FRANCISCO ◆ DETROIT ◆



OTTO PREIS, *Architect*

Where windows need metal that cannot rust . . . *and why*

Don't take the windows for granted. They are far more than openings to admit light. They are important to the comfort and livability of your home. They should be weather-tight to keep rain and cold out and heat in . . . guard against insects that menace health and peace of mind. And they should be easy to operate at all times.

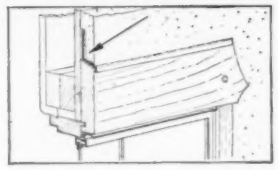
In addition to the uses of copper, brass and bronze illustrated at the right, window frames may be obtained in solid bronze and nickel silver. Screen frames of these enduring metals are also available.

The first cost of copper, brass and bronze is somewhat higher than that of rustable metals but the trouble and expense they eliminate make them cost less in the end.

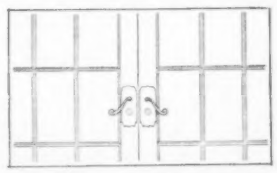
Anaconda Copper, Brass and Bronze are used by leading fabricators of finished products. The quality of Anaconda metals is safeguarded by a single organization of more than a century's experience, responsible for every operation in their production.

Send for the booklet, "Rust-Proofed". It contains valuable information for home-buyers and builders on the advantages of permanent metals. It will be sent free. The American Brass Co., General Offices, Waterbury, Conn.

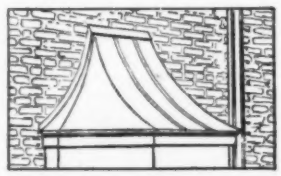
ANACONDA COPPER
BRASS ANACONDA BRONZE
CAN'T RUST . . . . . SAVE MONEY



Copper Flashings prevent those elusive leaks around window frames that damage walls, floors and ceilings.

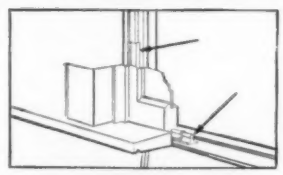


Window Hardware of Solid Brass or Bronze will not rust and stick. Its beauty is as lasting as its efficiency.

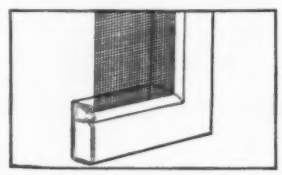


Copper Roofs for Bay Windows prevent leaks, add a note of distinction and their beauty increases with the years.

Bronze Sash-Chains, durable, rust-proof and weather-proof for all time, eliminate the broken sash-cord nuisance.



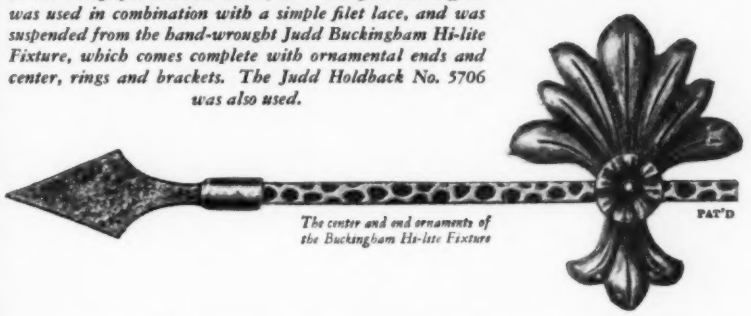
Bronze Weatherstrips give permanent protection against the cold winds, rain and snow of winter and save fuel.



Bronze Screen Cloth is rust-proof and remarkably strong. Its service life is limited only by accidental breakage.

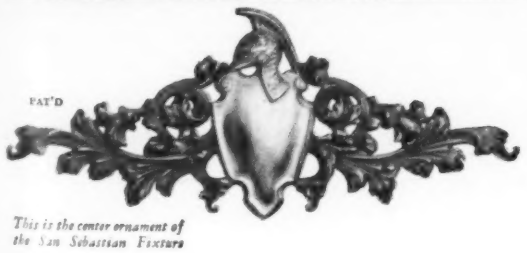
Have windows as beautiful as these in Your Home

In the delightful window above, rose and gold shot-taffeta was used in combination with a simple filet lace, and was suspended from the hand-wrought Judd Buckingham Hi-lite Fixture, which comes complete with ornamental ends and center, rings and brackets. The Judd Holdback No. 5706 was also used.



The center and end ornaments of the Buckingham Hi-lite Fixture

PAT'D



PAT'D

This is the center ornament of the San Sebastian Fixture

For a draping of the more formal type, old gold brocade and green china silk with handsome silk-net glass curtains is delightful with the Judd San Sebastian Fixture of Decorated Metal, which comes complete with decorative ends and center ornament, brackets, rings and tube. Judd Holdback No. 531 is shown in the illustration.

BOTH of these lovely windows were planned by the decorator with the single idea of creating beauty in the home—both designs begin with the smart Judd fixtures and the results prove how successful this method is. Choose for your rooms the Judd Curtain Fixtures; then harmonize the curtains and the hangings.

Whatever type your rooms may be, you will find a suitable Judd Fixture. There are simple ones for cottages, sumptuous models for the stately residence; there are designs for living-rooms or libraries, and others for bedrooms or children's rooms. The Judd variety is complete at prices that range upward from $1.50 per set. If your dealer does not have the type you need, write us and we will see that you are promptly served. H. L. Judd Co., Inc., 24 W. 40th St., New York.

Suggestions for Beautiful Windows, FREE

Our new and fully illustrated booklet, "Suggestions for Beautiful Window Draping," will be sent you free if you will write for it. It is filled from cover to cover with charming and practical window draping designs showing the use of Decorated Extending Rods, Wood Poles, Decorated Iron Fixtures, Cranes, Traverse Tracks and Hi-lite Fixtures

JUDD

Drapery Fixtures

the passing of the WELCOME mat

COLOR NO. 980 · ONE OF MANY SMART COLORINGS IN BREWSTER BROADLOOM

"WELCOME" said the front porch mat in those days. A gracious show of hospitality. A pretty custom. Why has it passed? Why does that friendly word no longer greet us?

Why? Simply because there's no need of it now. Today the entire home says "welcome." Warm colors cheer us. Lovely, comfortable furnishings invite us. Cozy interiors create a glad-to-see-you impression.

The rug's part is important. And its part will be well played . . . if it is a Bigelow-Sanford creation. Authentic style, rich colorings, captivating designs . . . for the modest little two-room apartment or for the sumptuous mansion where luxury is the keynote.

There is a dealer near you with many lovely rugs and carpets by Bigelow-Sanford . . . weavers for more than a century. See them . . . and choose from an unequalled variety.

BIGELOW-SANFORD

RUGS and CARPETS

MAIL THIS COUPON

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☐ Please send *free* folders and name of nearest dealer.

☐ In addition, please send *Decorating Your Home* . . . an interesting, comprehensive guide with 21 full-color interiors and nearly a hundred helpful sketches . . . for which I enclose 50¢.

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STREET.....

CITY and STATE.....

America is still too young to know how long cypress can endure

BUILT before the United States was born, hundreds of buildings are still in sound condition—thanks to the durability of Tidewater Red Cypress (Coast Type).

Today, this durable lumber is favored more than ever before by architects and builders. They *know* its ability to fight time and rain and moisture.

And today, in spite of its rugged durability, its beauty of grain, its tight coherence with paint, and its easy workability, Tidewater Red Cypress costs little more than lumber which resists rot only a few short years.

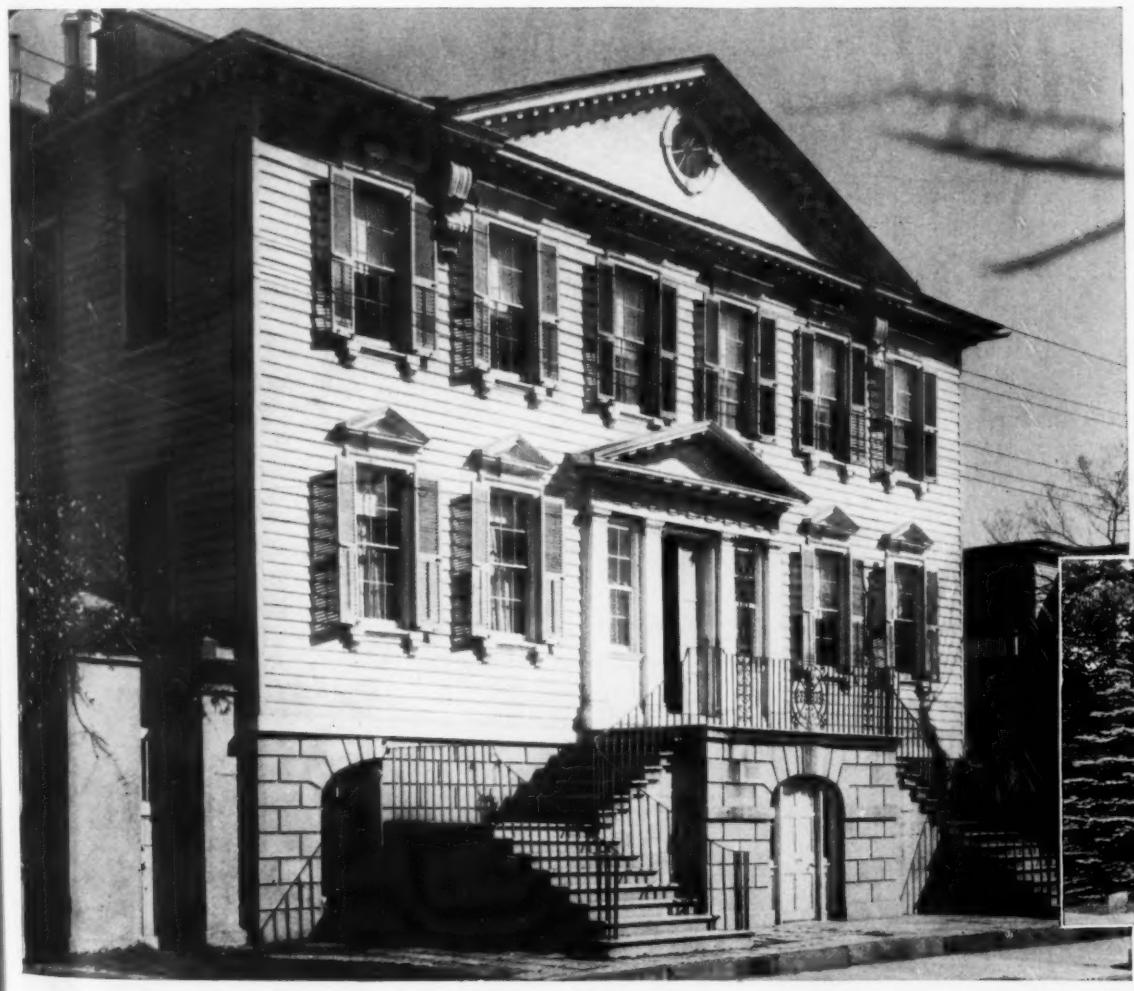
Mr. K. . . . . of Montclair, N. J., for instance, spent only $42 extra to use Tidewater Red Cypress for all the exterior trim of his medium-priced house.

Why not follow the sound advice and wisdom of architects, and use this Wood Eternal when you build or alter?

Spare yourself worry about repairs. Save yourself repair bills. Be sure always to specify "heart grade Tidewater Red Cypress"—the most durable for exterior use.

No charge for this book of photographs

If you would like to save repair bills—and if you would like to see photographs of beautiful homes—and pictures of century-old buildings—and would like to know reasons why only Tidewater Red Cypress can afford such durability and beauty, write today for a booklet called "Money Saved for Builders." It's free.



Tidewater Red Cypress was used throughout the Gibbs Home in Charleston, S. C. . . . Built before 1800, it is sound as a dollar today.

The architect, Arthur T. Remick, New York, employed the same rugged lumber in the beautiful new home of Arthur W. Wood, Westchester, N.Y.

TIDEWATER RED CYPRESS

(COAST TYPE)

THE WOOD ETERNAL

This advertisement was paid for by the following members of the Southern Cypress Manufacturers' Association

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Southern Cypress Manufacturers' Association
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If interested in industrial uses, mark here ☐.

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Harry W. Tuttle, Architect

Lighting Fixtures
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R. C. BULLARD

Grand Central Terminal *New York*
Room 2849

THAT floor coverings as we know them were not evolved overnight becomes apparent when one views an exhibition of such scope and magnitude as was recently shown at the Newark Museum. A clear and comprehensive story of the origin and the making of carpets and other floor coverings from thousands of years B. C. to date, classified according to countries, proved fascinating as well as educational. Exhibits from many lands illustrated the various stages in historical succession from primitive mats to the ultra modern designs of contemporary artists. Among the present day floor coverings featured were wool, grass, fibre and linen rugs, rubber tile, linoleum, cork, ceramic, tile, slate and a composition that looks like stone and is used like wood. Many interesting facts about carpets and rugs not generally known accompanied the exhibits in the form of clear notes, as, for instance, that the Persians first spread the art of rug weaving; that rugs were not in common use on floors anywhere in England until Queen Elizabeth's day, the first carpet ever

Antique Chippendale Bookcase
Height 53" Width 32" Depth 9"

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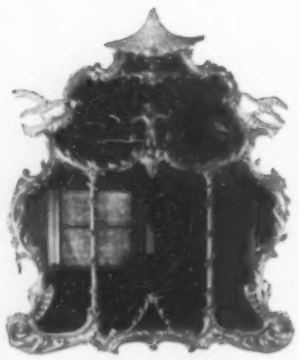
Interiors and Antiques

129 East 55th Street **New York**



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MARIO DI ZOPPOLA
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CONSULTANTS

We build or remodel Country Houses, provide architectural plans and specifications, secure bids from reliable contractors, supervise the whole building process, decorate and furnish the interiors, plan landscaping and direct the planting of gardens. • • • • •

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Solid Polished Brass Candelabra
10" High—Antique Roman.
Branches Can Be Rotated
$4 apiece $7.50 a pair, postpaid

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Write for Catalogue CC5
Illustrating Interesting Gifts
in Pewter, Brass and Copper

ADOLPH SILVERSTONE
ESTABLISHED 1898
21 Allen Street New York

Louis Philippe clock in bronze and bronze dorée with inkwell concealed in base.

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DECORATING CO.
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Interesting Setting
in our
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John H. Hutaff, Inc.

Decorations *Hangings*
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220 EAST 51ST STREET
NEW YORK CITY

A catalogue of unique pieces of furniture for the garden, terrace, and open and closed-in porch will be sent upon request.

Ruth Campbell Bigelow
INCORPORATED
20 East 69th Street, New York City
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DIRECTORY OF DECORATION & FINE ARTS

WALTER JOHNSON, INC.
INTERIORS AND ANTIQUES
526 Madison Ave., New York City
Telephone Plaza 5644

used on a floor being spread in her presence chamber; that Chinese rugs were practically unknown to the Occident until the Boxer rebellion (1900) opened the ports of China to the world; that Early Colonial homes had sanded floors until the 19th Century; that the Savonnerie rug got its name because the first rugs of this type were woven in an old soap factory. (This was during the reign of Louis 13.)

SUMMER floor coverings not only provide a change from the heavier rugs of the winter season, but do much to lighten the appearance of a room as well as cool the atmosphere when warm weather arrives. Whether the rug shall be of grass, rush, fibre, wool, or a mixture of wool and fibre depends upon one's personal taste and the type of room in which it is to be used—living room, dining room, nursery, hallway or porch. Practically all the types mentioned above are available in cheerful, fresh colors and interesting designs, —conventional as well as of the contemporary school.

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ANTIQUES—INTERIORS
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Old English and French Furniture
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Today's Sun-Room

THE NEW SUN-ROOM
has constantly increased in popularity and is now considered to be one of the most important rooms in the home.

We studied the requirements of this room in detail to determine the most appropriate furniture for all year round enjoyment.

We are the first to design a complete sun-room suite in curly and figured maple with the same smart atmosphere found in distinguished interiors. One that offers charm, comfort, durability and cleanliness.

The group includes three luxuriously upholstered pieces, each fitted with spring cushion seats. Built to order by master craftsmen at very moderate prices.

Catalogue with full description sent on request.

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Buckley OF BINGHAMTON
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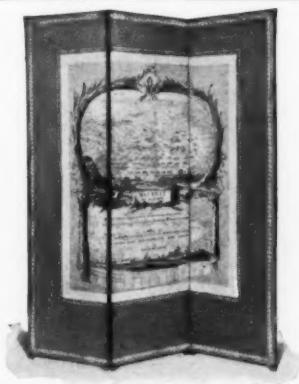
CHILDREN'S FURNITURE

Fine reproduction of a Highboy—in miniature size to hold a multitude of childish things. It is 60" high—in Maple, $225. In Pine $175

Send for booklet

CHILD HOOD INC.
215 East 57th Street
New York



THE BATTLE OF ROCROY
Fought in 1643, is outlined in quaint old pictorial fashion, printed by the French Government from original plates. The engraving is dark grey on parchment with red margin, and antique crackled finish. This screen has singular attraction and adaptability. Price $75.

Glorious Color
and slender beauty vie in the AVIGNON CHINTZ by Paul Dumas, Paris. One feels that the tall English pinks and full blown peonies exude a spicy fragrance so real are they. White birds and classic colonnades are deft touches, on backgrounds of bisque, Du Barry, lapis, tête-de-nègre, and seafoam. Price $1.65 a yard.

Quaint Simplicity
representative of early rural England, is expressed in THE KENT, a copy of a very old mahogany hanging shelf. With delicately fluted molding, the sides taper gracefully to a rounded top and each narrowing shelf provides rendezvous for beloved curios. Price $50.

Illustrations upon request. Can be ordered through your local Decorator or direct from

A. L. DIAMENT & CO.
Importers, Jobbers and Retailers of Interior Furnishings
101 & 119 Park Ave., New York 1515 Walnut St., Philadelphia
Sole American Agents for ZUBER & CIE, ALSACE, *and* PAUL DUMAS, *Paris*

Candlestick No. 2078 (chromium plated) 9½ inches high $18.
Ash Tray No. 2492 or finger bowl (chromium plated) $10. each

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520 Madison Ave., New York

DIRECTORY OF DECORATION & FINE ARTS

AT R. H. Macy & Company may be seen a large and assorted collection of summer rugs. A fine quality fibre rug available in both standard and special sizes has a modern flower pattern stenciled on the two ends of the rug, leaving the center plain. Tan and brown, green and purple, orange and black and green and black flowers on a natural ground are the four combinations presented in this design. In the grass and fibre weight an unusual and usable pattern is a contemporary version of the diamond motif which forms an interesting all-over design. Here the shaded green and blue tones are particularly pleasing combined with the natural color. The Belgian cocoa fibre rugs come in effective color combinations, ombré green predominating. German hand woven washable rag rugs are excellent for country house use. These are modern in design and may be had in a wide range of color and combinations—chartreuse, yellow, coral, peach, gray, green, brown, blue, orange. A youthful drummer decorates a fibre rug featured for the nursery.

Wrought Iron
COTTAGE NAME BRACKET

This friendly magpie screws to tree or sign post to guide the arriving guests. The bird is brightly enameled in appropriate colors. Woodpecker, canary, or blue-jay if you prefer.
Price, Three Seventy Five (*Express Collect*)

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Accurate reproductions of sea life in color or black and white silhouette. Smart cocktail and coffee tables in wrought iron, $125. Single pieces from $2.50 up, suitable for Interiors, Murals, Gardens and Pools.
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TRITON FOUNTAIN FIGURE
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Height 34 inches. In Pompeian Stone $125

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Among our new designs is an English Garden Shelter.

Malacca wheel settee with waterproof cushions. Wrought iron tree designed to fit any space.

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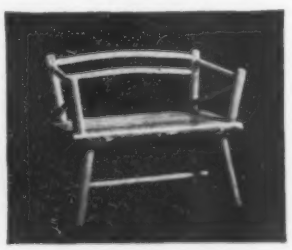

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An authentic reproduction of a primitive 17th Century small settee, hand made of Northern White Cedar in a rubbed pine finish. A delightful addition to porch, sunroom, den, country home or cabin. 36" long. Price, delivered East of the Rockies, $19. Write for complete catalog of Habitant Furniture.

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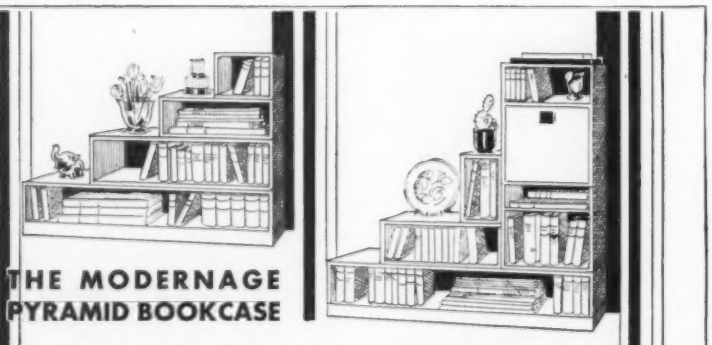

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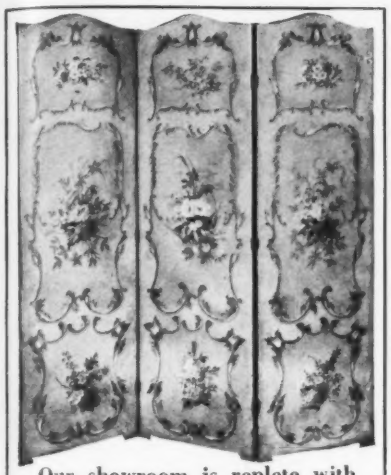

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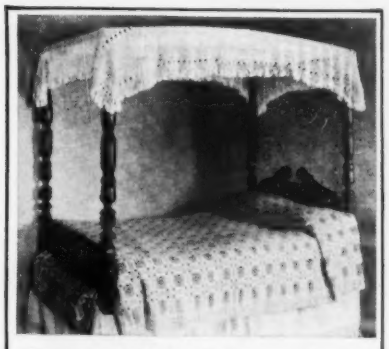
A LARGE supply of cool looking rugs may be seen at Gimbel's, among them the wool and fibre, Belgian cocoa fibre, domestic fibre, grass and the India drugget rugs previously mentioned. One India drug- (*Continued on page* 39)



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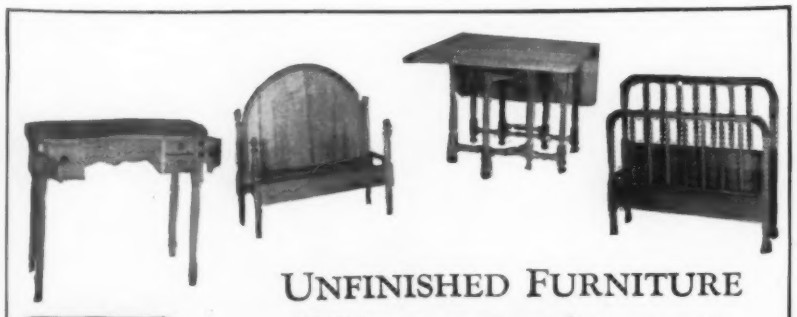

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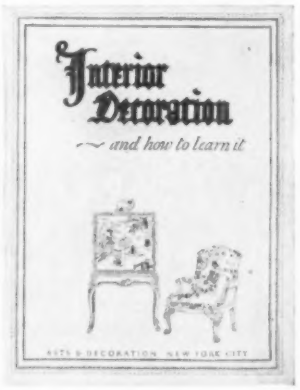

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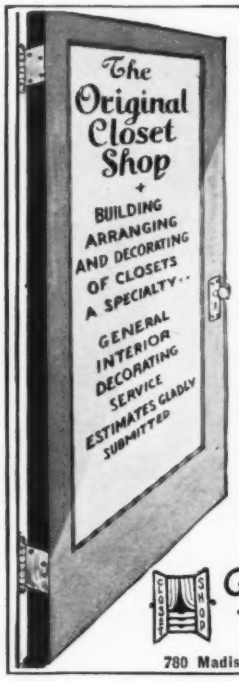
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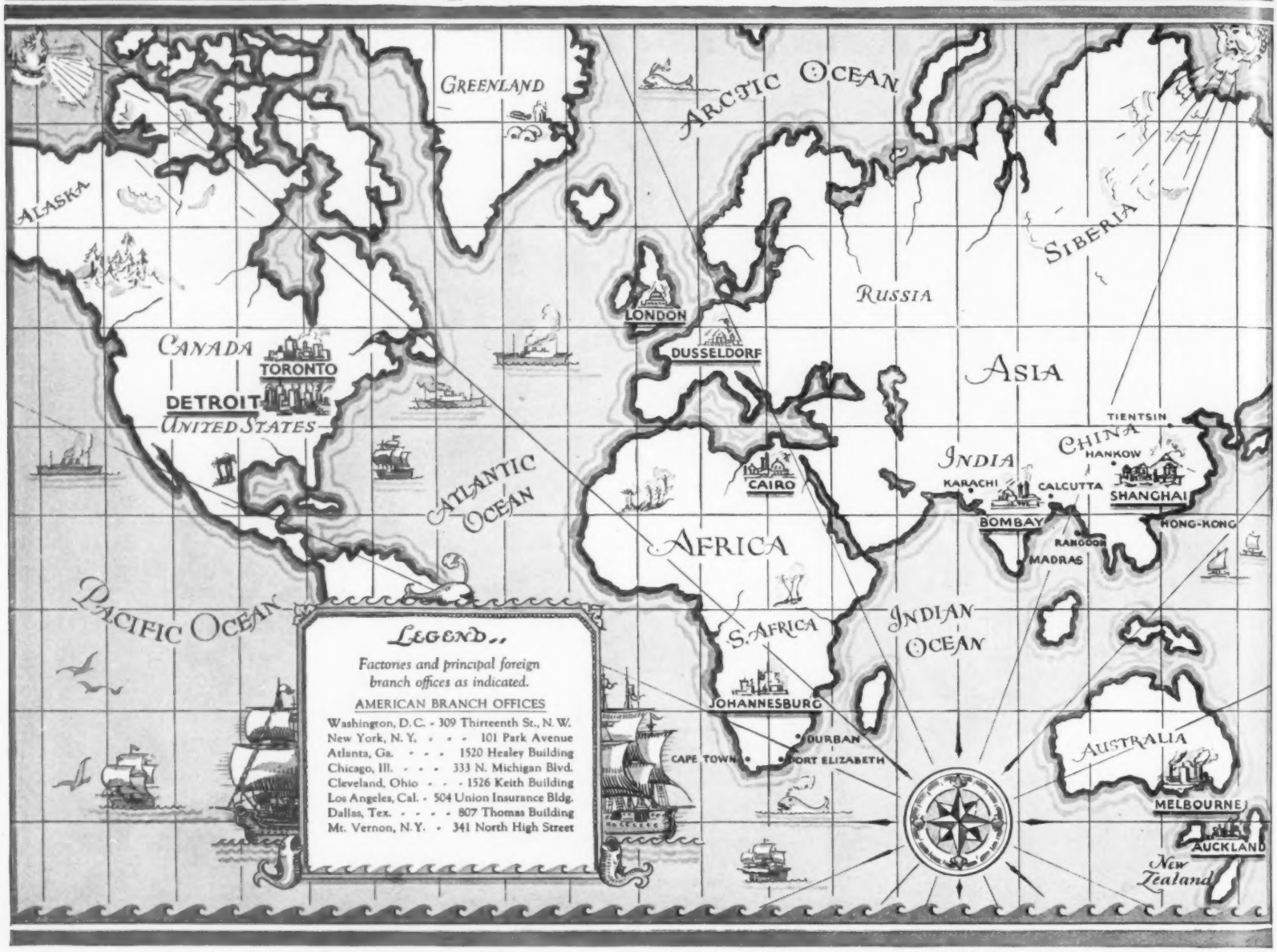

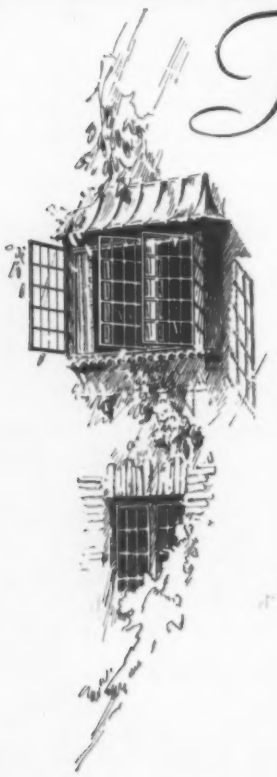

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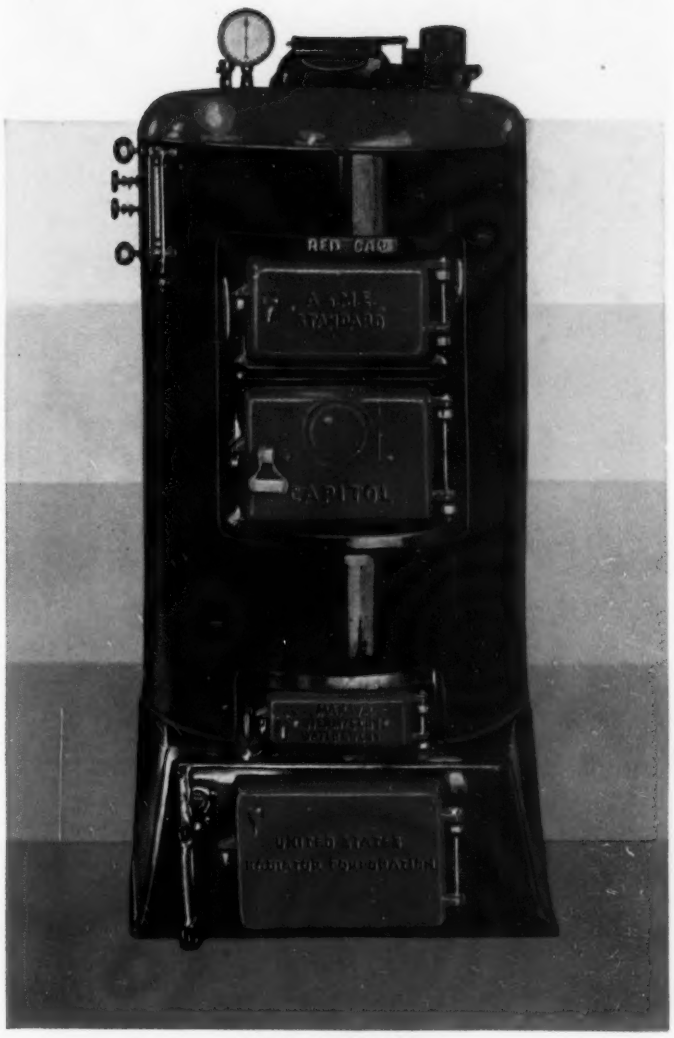

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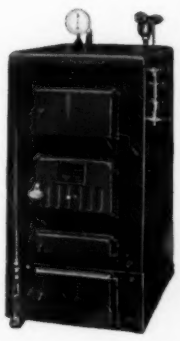

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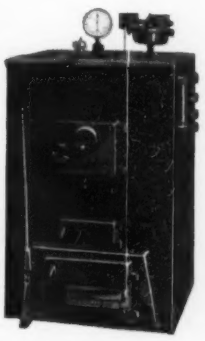

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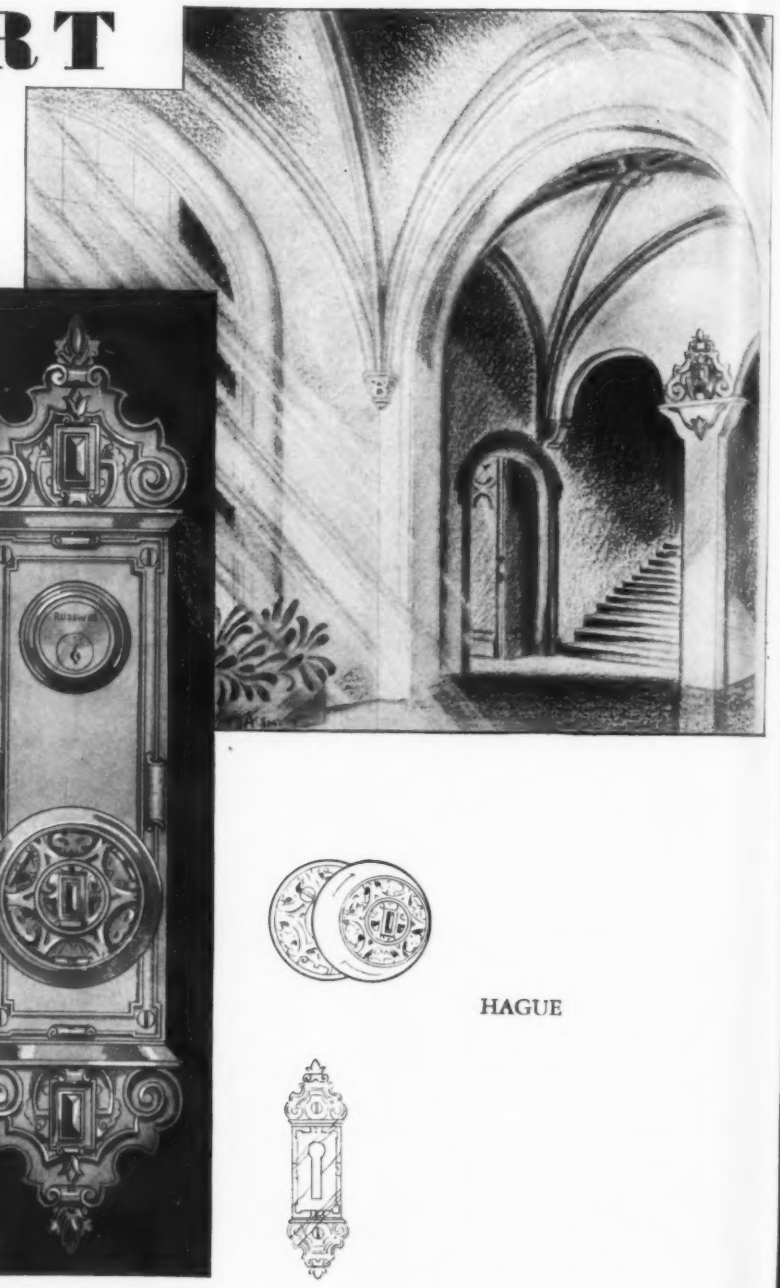

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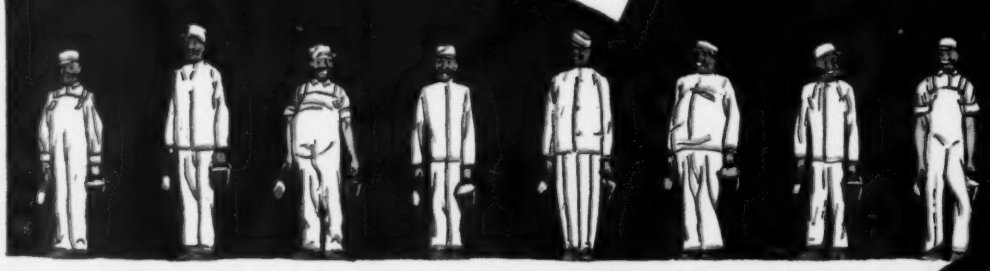

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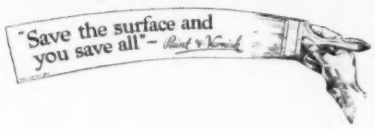

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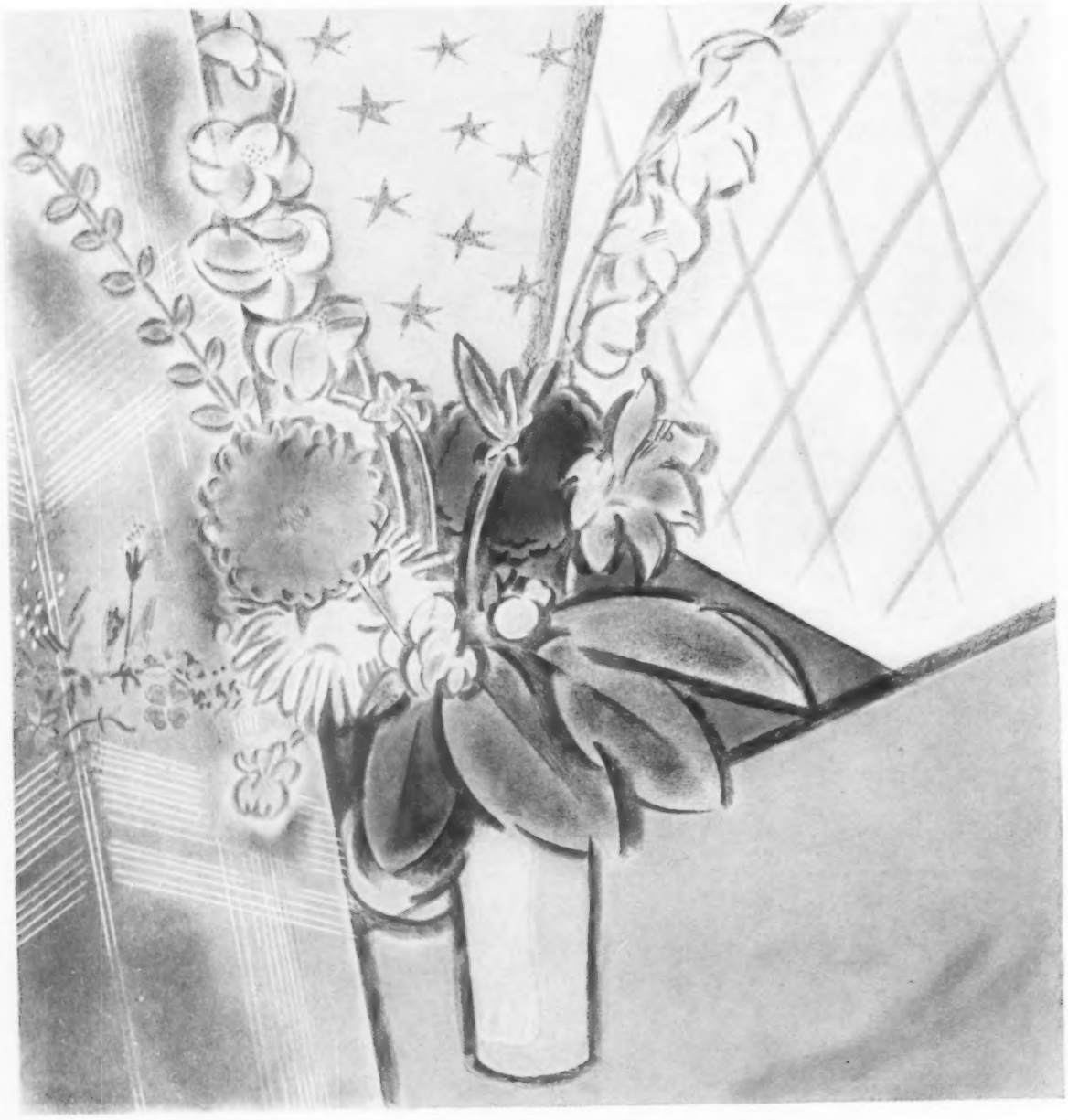

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The fault is the boiler's. "Running a fever" is a sure sign of a wasteful boiler, of a very inefficient boiler. The sad part is, there are thousands of such boilers. If your cost of heating is excessive, your boiler is "running a fever."

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The new Smith "16" for the first time enables the small-to-medium house to enjoy the same luxurious heating and the same welcome economy that the larger H. B. Smith boilers (Mills "24", "34" and "44") have provided for large homes and mansions for the past fifty years.

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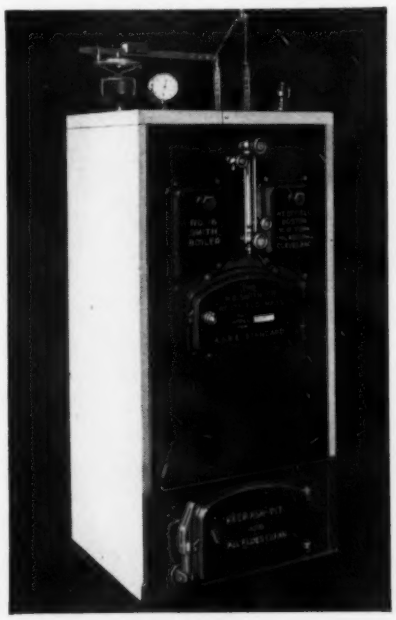
If you are interested in an annual saving in your fuel bill, if you like to get your money's worth in everything you buy, if you hate waste in any form regardless of your ability to pay for it, send, as so many others have sent, for our two booklets, "The New Smith 16", and "Does It Pay To Install an Oil Burner". Use coupon below. The H. B. Smith Company, Westfield, Mass.



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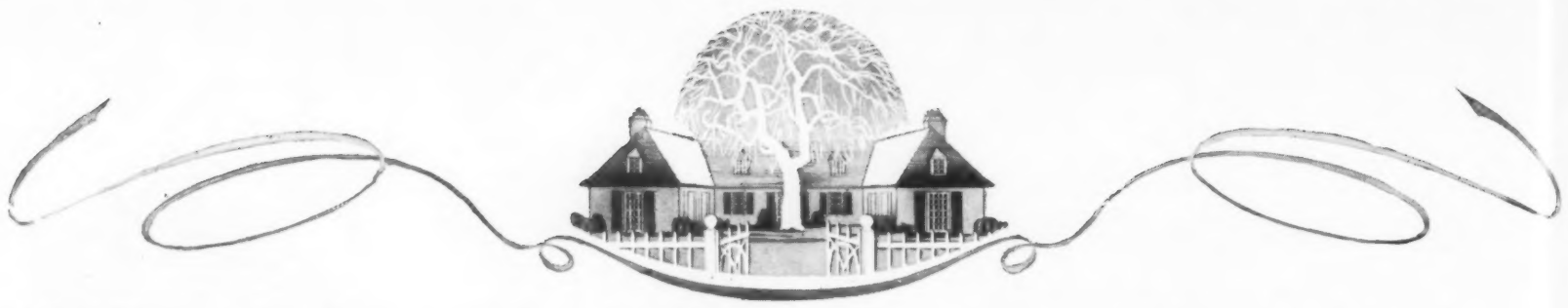
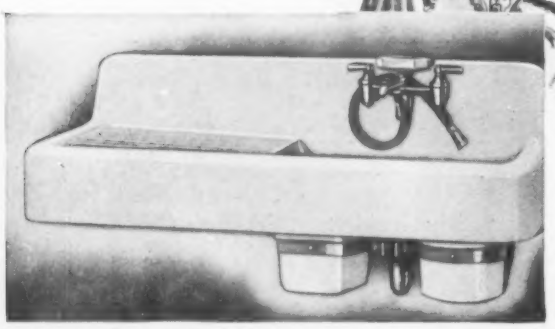


"Why, Jack and I didn't agree on *anything in the house* . . . except the bathroom"

TWO PEOPLE can have such different ideas about things. She votes for an extra sun-room with a view of the river. He'd put the money in built-in book shelves. She wants flowered damask. He likes stripes. . . . And everything comes out right in the end. Because both know the importance of quality. Just as the history of a nation is written in its architecture, so the story of a family is told in its home—not by expense and display but by quality and good taste and care.

To discerning eyes, Kohler fixtures and fittings are significant. Baths and lavatories and closets that carry the Kohler mark are well designed and well made, to the last inner detail. If you use colored fixtures, Kohler colors are pure, uniform, harmonious. If you prefer white, Kohler white is as immaculate as freshly laundered linen. Kohler faucets and handles and escutcheons are advanced in design—all the mechanical parts are sure, silent and safe.

Kohler VICEROY *built-in recess bath and* STANDISH *vitreous china lavatory . . . both with Octachrome fittings.*



Kohler STANTON *sink with Octachrome fittings, equipped with Duostrainer.*

Kohler WALDEN *swing-spout mixing faucet with third-water supply.*

Those who work on Kohler products have the true tradition of craftsmanship. The beautiful village of Kohler is an inspiration to excellence. The men who do each intricate detail of manufacture work on rigid engineering requirements—and with the earnestness of high art.

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11. Backed by *an entire community* . . . beautiful Kohler Village.

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Akbar the Great sensed the beauties of real tiles . . .

Akbar the Great stroked his voluminous black beard and gazed with satisfaction on the gleaming tiles of the mosques and homes at Fatehpur-Siki, . . . amber, green, and black they glistened in India's golden sun,—hexagons and triangles in Oriental splendor. . . . Having conquered most of India, Akbar had now turned his attention to the royal art of making tiles.

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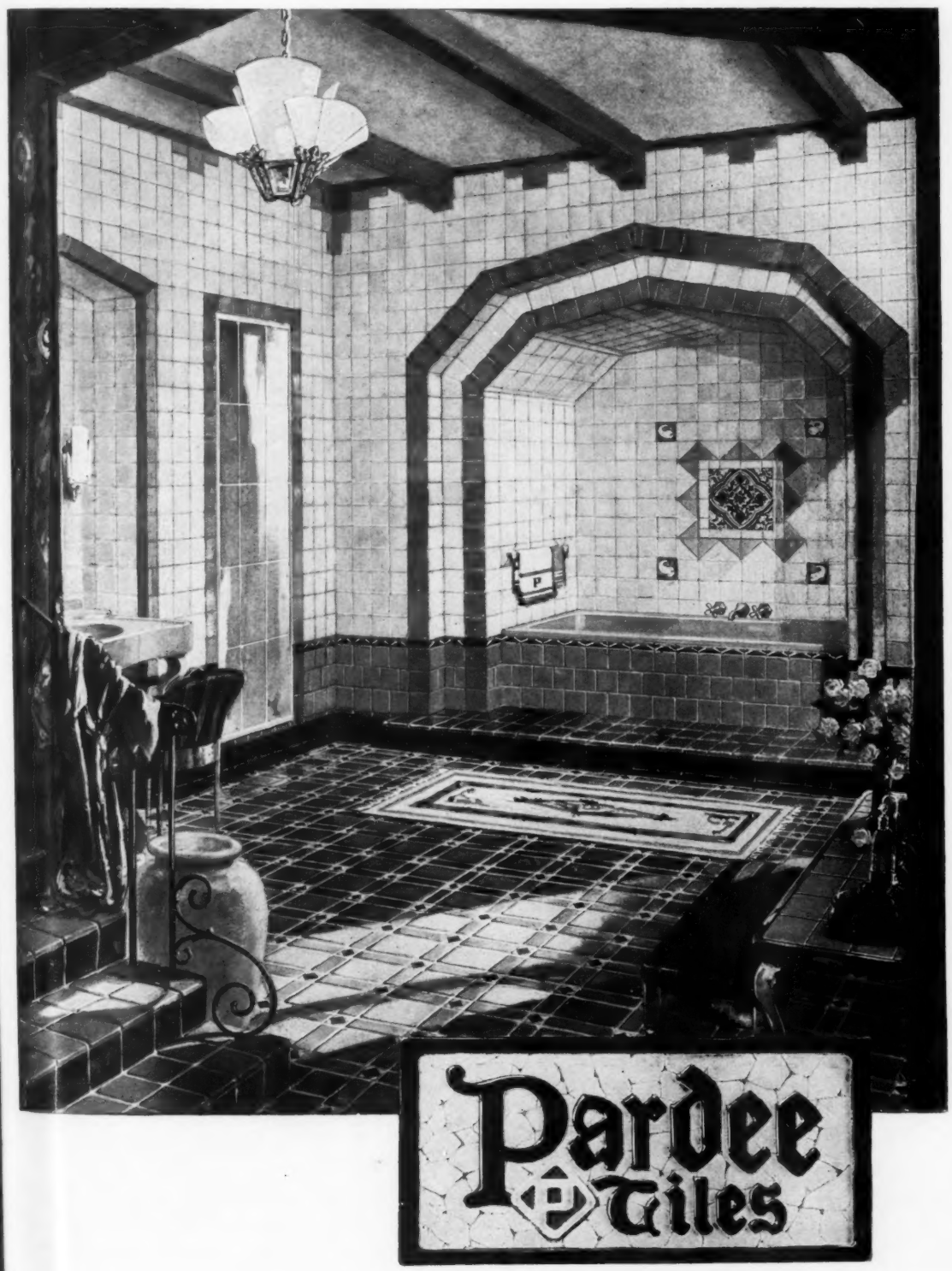
Pardee tiles deserve a BONDED installation which is guaranteed by a large indemnity company. Architects consider this a remarkable tribute to Pardee tiles and their tile contractors.



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Kindly send me without cost or obligation:

- ☐ Folder in color.
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- ☐ Color sketch of enclosed area showing how it will look if tiled in Pardee.*
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Color scheme is.....

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Street .....

City .....

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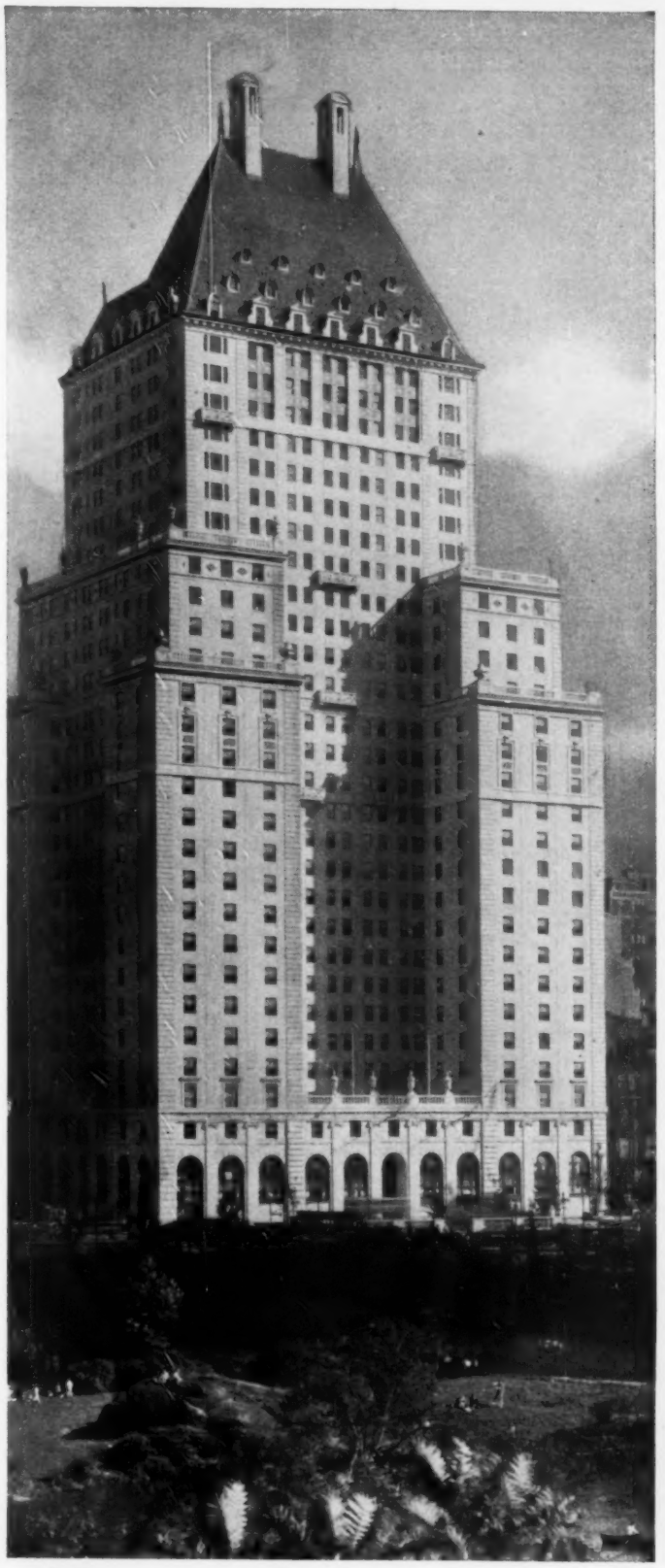

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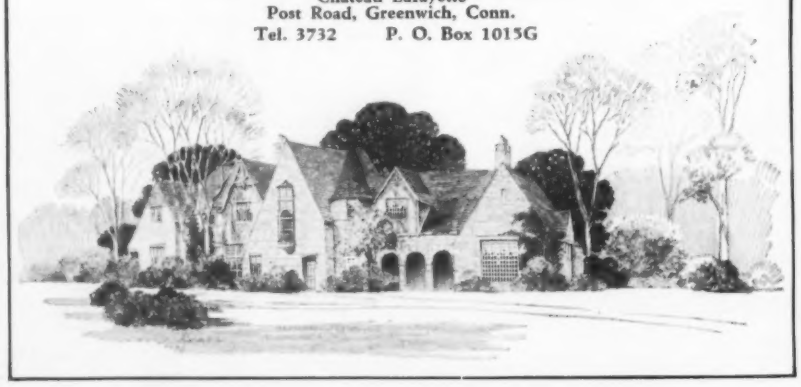

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PAGE

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A.

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READING IRON COMPANY, Reading, Pennsylvania

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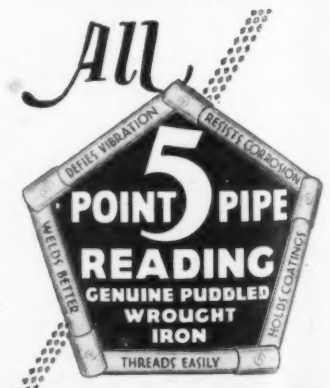

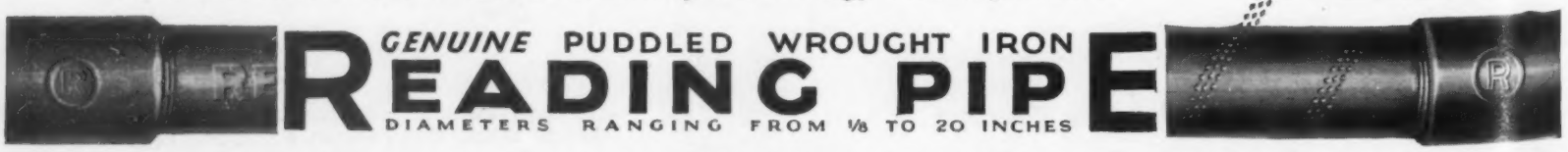

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INSULATED GLENWOOD DE LUXE—MODEL SNJ 24

The greatest of gas ranges

INSULATED · HEAT-CONTROLLED *TIME*-CONTROLLED *and with the new* GLENWOOD *VERTICAL* BROILER

HERE, at last, is a range large enough for the largest household . . . A range that has every refinement and convenience of modern equipment.

The Insulated Glenwood De Luxe gas range has three large ovens, *insulated* for cooler and more economical cooking, *heat-controlled* for absolutely accurate results, *time-controlled* so that the gas can be lighted and turned off automatically, and a whole meal cooked with no one in the kitchen. This range is *enameled* inside and out.

The smaller illustration shows the new Glenwood Vertical Broiler that will broil the thickest steak on both sides at once, and perfectly evenly by radiant heat.

Notice, too, the enclosed Ourway cooking top where utensils can be moved around as easily as on a kitchen table.

These same conveniences may also be had in smaller Insulated Glenwood gas ranges which we shall be glad to tell you about if your local gas company cannot show them to you.

¶ You can have this range in your country house although it may be miles beyond the gas mains. Let us send you more complete information about this Glenwood Model SNJ 24 and tell you about Pyrofax Gas Service, if you are interested. The coupon is for your convenience.

Insulated Glenwood Gas Ranges *De Luxe*

SEE THEM, IN ALL SIZES, AT YOUR LOCAL GAS COMPANY

Consolidated Gas Company of New York
Westchester Lighting Co. Brooklyn Union Gas Co.
And all Offices of Public Service Electric and Gas Co. of New Jersey

GLENWOOD RANGE CO., Taunton, Mass.

Please send me Booklet G-5, illustrating the model S N J 24, Insulated Glenwood De Luxe gas range:

Name _____

Address _____

Check here ____ and we will mail you full information about Pyrofax Gas for your country home.

AROUND a center of interest, the effective bathroom interior is planned, just as is a living room interior. Here an unusually interesting effect is obtained by placing the citrus yellow *Norwich* lavatory beneath a window, with the mirror framed by the window itself. An alcove holds the *Corwith* bath and shower. The closet is the new square base *Santon*. The charm of this room is the result of skill in arrangement and decoration and the inherent beauty of Crane fixtures, not of higher cost. All the materials are reasonably priced. . . . Further to put such beauty and comfort in reach of everyone, the Crane Budget Plan is now offered. Under it, you can have any Crane materials fully installed, and pay in small monthly sums. For installation under this Plan, see a Crane Qualified Contractor-Dealer.

Valves **CRANE** *Fittings*

FIXTURES, VALVES, FITTINGS, AND PIPING, FOR DOMESTIC AND INDUSTRIAL USE

Crane Co., General Offices: 836 S. Michigan Ave., Chicago + 23 W. 44th St., New York + Branches and sales offices in one hundred and ninety cities

» » » and he called it

"OVEN MANOR"

There are *many* homes like it today... Overwarm for wool-clothed men when warm enough for light-frocked women

WHAT can a man do? Chivalry exacts the penalty of overwarmth. Modern woman's scanty raiment brings the need. Most heating systems provide a uniform temperature throughout the house. What can a man do?

In that new home you plan to buy or build, assure perfect comfort for every member of the family. Insist on Hoffman Controlled Heat. The *modern* heating system with room-by-room temperature control, which delivers to each room as much or as little heat as its occupants require, without effect on other rooms.

With Hoffman Controlled Heat, the touch of a finger on the lever handle of the radiator valve commands that radiator to deliver full heat, three-quarters, half, one-quarter or none at all. Action is sure and prompt,

And, because only as the call *for* heat increases does the supply *of* heat increase, the amount of fuel burned is comparatively small. Ounces of pressure provide the heat of pounds with other heating systems.

To any standard boiler and radiators, whether fired by oil, gas or coal, can be added the equipment that makes it a Hoffman Controlled Heat system. This includes Hoffman Modulating Valves and Return Line Valves for radiators, the accurate Hoffman Damper Regulator, the Hoffman Differential Loop and Main Vent.

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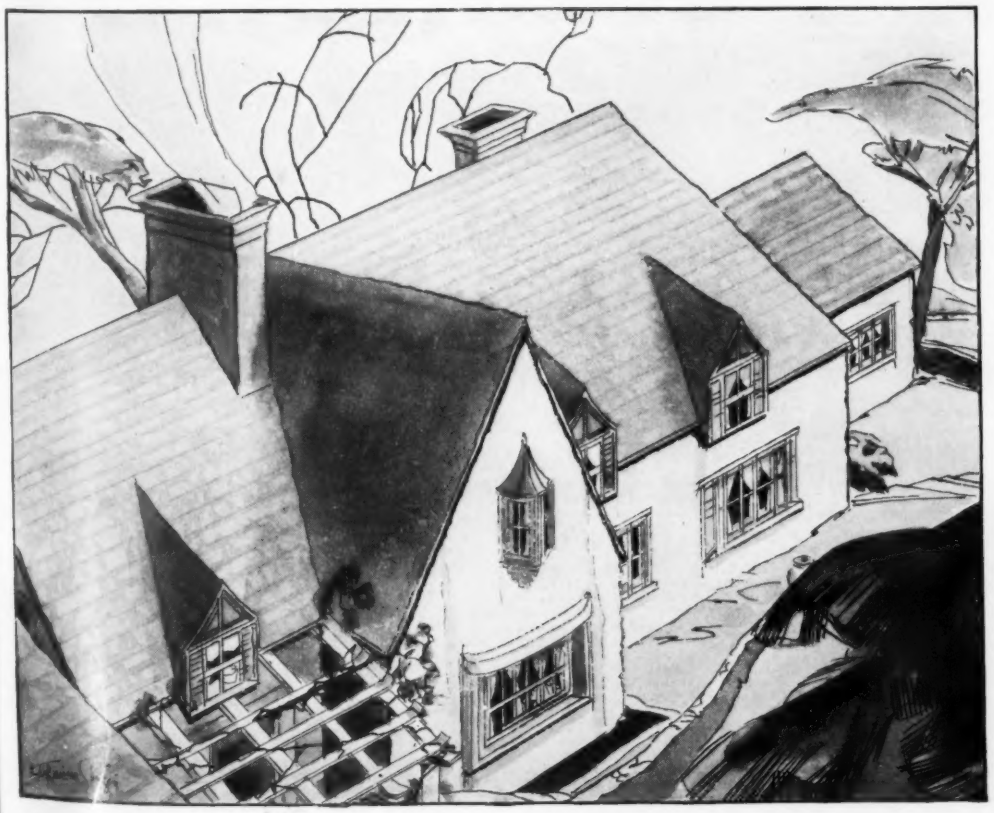

Swing the lever handle of this little valve, and command the radiator to deliver (quickly) as much or as little heat as you desire, without effect on other rooms.

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Arrowhead Springs Hotel. California's exclusive mountain resort. Mineral springs, baths. Golf, swimming, tennis, riding. Bungalows. Booklet on request.

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Constance Hotel & Apartments. A new fireproof European Plan Hotel of distinction. Conveniently located. Reasonable rates.

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Biltmore Hotel. Finest and largest. Suburban. In grove of grand old trees on ocean beach with mountains at back. All outdoor sports. American Plan.

El Encanto Hotel. California's most delightful hotel and bungalows. On the Riviera overlooking sea and mountains. Excellent cuisine. Golf. Riding.

Miramar Hotel and Bungalows. Situated on Pacific Ocean. Garden spot of California. Golf, Tennis, Riding. Country Clubs. Exclusive residential section.

Yosemite National Park

The Ahwahnee. Open all year. Commanding a matchless panorama. Already world-famed for distinctiveness. Riding, tennis, fishing. $10. up. American Plan.

COLORADO

Brook Forest

Brook Forest Inn. A Swiss Chalet in the Rockies, open all year, altitude 8,000 ft. Riding horses. Edwin F. Welz, Manager.

CONNECTICUT

Old Lyme

Boxwood Manor. Summer among the birds and flowers, modern inn. Lovely gardens, marvellous food. Bathing lodge on ocean.

Waterford

Oswegatchie Inn. Select family resort near New London, combining seashore and country. Water sports, tennis, golf. E. W. Manwaring, Mgr. Owner.

DISTRICT OF COLUMBIA

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The Carlton. 16th at K St., N. W. The most distinctive & perfectly appointed hotel in the Nation's Capital. Rooms $4-$10; suites $15 up.

The Dodge Hotel. (Formerly Grace Dodge Hotel). Continuing same ownership, management, policies of administration and high standard of service.

Wardman Park Hotel. Away from noise and congestion, convenient to down-town. Single rooms with bath $5.00, double rooms, bath $8.00.

LOUISIANA

New Orleans

The Jung. Modern as Tomorrow. Southern hospitality. Cuisine Française. Roof garden. 700 outside rooms, each with bath, $3.00 and $3.50.

MAINE

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Malvern Hotel. A distinctive home, catering to a refined clientele. Thoroughly modern. Excellent cuisine. Ideal location with all resort sports.

Bay View

Bay View House. Wonderful environment of woods, country & seashore. Golf, tennis, bathing, riding, dancing. Orchestra. Gentile clientele. Fine cuisine. Bklt.

Bethel

Bethel Inn. Noted for its individuality and perfect appointments. The rates are reasonable. Nine-hole golf course on our own grounds. Booklet.

Gerard

Spencer Lake Camps. The ideal vacation. Individual cabins. Meals in general dining room. Our own dairy, gardens, hennery. Excellent fishing. Bklt.

Kennebunk Beach

The Atlantis and Cottages. Modern in every respect. Superb ocean bathing beach. Excellent 18-hole golf course. Beautiful motor roads.

Ogonquit

Cliff House & Cottages. At Bald Head Cliff Beautiful seashore and country. All shore sports Quiet & Homelike. Low rates for June & Sept.

Poland Spring

Poland Spring House. Maine's foremost resort, open June to Oct. Mansion House, always open. Excellent 18-hole golf. Home of Poland Water.

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Hotel Wendell. Accommodating 650 guests. The only fireproof hotel in the Berkshires. A la Carte, Table d'hote, and Cafeteria. V. A. Campbell, Mgr.

The Berkshires—Williamstown

The Greylock. In "The Village Beautiful" at Western end of Mohawk Trail. 200 rooms, 100 baths. Electric elevator. May to Nov. Golf. Tennis. Riding.

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East Bay Lodge. In most beautiful section of Cape Cod. Every room has running water or bath. Golf, tennis, bathing, boating, fishing, good roads.

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Quarter Circle U Ranch. In the Indian Country. Round-ups, rodeos, riding, swimming. Modern accommodations. Excellent food. 30 guests. Booklet.

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Seven Up Ranch. A western ranch vacation in the heart of the Rockies with horseback riding, fishing, hunting and hiking. J. E. Bower, Manager.

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Mayberry's. Cottages for rent. Horseback riding, fishing, hunting and excellent food. A real western ranch. Reasonable rates.

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The Hanover Inn. At Dartmouth College. 100 rooms. 60 baths, elevator. New fireproof addition. Excels in all outdoor sports and good living.

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Granliden Hotel and Cottages. 1,200 feet above sea level. Own 9-hole Golf Course. Private bathing beach. Saddle horses. Tennis courts. Orchestra. Woods-trails.

Indian Cave Lodge and Cottages. Good fishing and all outdoor sports. Rooms with and without bath. Rates $5 to $7 per day, American plan. Booklet.

Soo-Nipi Park Lodge and Cottages. A nice golf course in our own park. Always good fishing and every water sport. No hay fever. Booklet.

Rye Beach

Farragut and Stoneleigh Manor. Modern, fireproof, superb location combining country & seashore. Unsurpassed facilities for sport & recreation. Amer. Plan.

White Mountains—Bretton Woods

The Mount Washington. Open July to October. The Mount Pleasant. Open June to late September. Two golf courses. C. J. Root, Manager.

White Mountains—Dixville Notch

The Balsams. America's Switzerland. June 15—Oct. 1st. 18-hole golf course, tennis, swimming, fishing, horses, burros Hay fever unknown. Fireproof.

White Mountains—Jackson

Gray's Inn. One of the best family hotels in the White Mountains with select clientele. No hay fever. Open June to October 14. All sports.

White Mountains—North Woodstock

Hotel Alpine. Delightfully situated in heart of White Mts. on Highway No. 3. Golf, tennis & other recreation features on hotel grounds.

White Mountains—Sugar Hill

Sunset Hill House. Location unexcelled. All prominent White Mt. peaks visible. Fine links, golf free. Tennis, orchestra, riding. Private baths. Booklet.

White Mountains—Twin Mountain

Twin Mountain House. Open June to late September. Central location. Sporty golf course. Outdoor cement swimming pool. Tennis. Orchestra. Fine library.

NEW HAMPSHIRE (Continued)

White Mountains—Whitefield

Mountain View House. For three generations the summer home of families of culture and refinement. Every outdoor sport. Attractive modern appointments.

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Colton Manor. Atlantic City's new unique hotel. Sea water baths. Marine sun deck. From $7. day, American Plan; $4. European Plan. C. V. Meeks.

The President. Atlantic City's newest boardwalk hotel. Sea water swimming pool. Marine sun deck, Charles D. Boughton, Manager.

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Bradley Beach. Smart seashore resort, 75 minutes from New York. Wide choice of hotel and cottage accommodations. Summer rentals. Write City Clerk.

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The Essex and Sussex. A resort hotel of distinctive superiority. Directly on the ocean. Golf, bathing, tennis, riding. New addition just completed.

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The Warren. Surrounded by green lawns and gardens at the edge of the Sea, in the most beautiful of Atlantic Coast Resorts.

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The Bishop's Lodge. Finest mountain resort. Horses, Golf, Outdoor Sports. Cliff Dwellings. Indian Pueblos. Dry healthful climate. Homelike atmosphere.

Hacienda de Los Cerros. An all-year mountain resort. Tennis court, saddle horses. Cadillac and Lincoln motors. On outskirts of historic Santa Fé.

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The Queensbury. Attractive new modern, fireproof hotel. 207 rooms. European Plan. Halfway between New York and Montreal. An ideal place.

Long Island—Bellport

Wyandotte Hotel. On-The-Bay. Since 1880, one of Long Island's foremost and comfortable hotels, modern and homelike. Golf, outdoor and water sports.

Long Island—Southampton

Seven Ponds. One mile east of Southampton. Fifty modern rooms with private baths. Golf privileges. Ocean and still water bathing.

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Eighteen Gramercy Park South. New residence hotel exclusively for women. Overlooking Park. Helpful service to out-of-town guests. Moderate rates.

Great Northern Hotel. 118 West 57th Street, midway between 5th Avenue & Broadway. French cuisine. Rooms $3.50 to $5.00. Suites from $6.

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Hotel Lincoln. 1400 rooms, modernistic decorations. Thirty stories of sunshine. Rates $3. to $3.50 per person. Eighth Avenue, 44th to 45th Streets.

Hotel Webster. 40 West 45th Street, (near 5th Ave.). Especially desirable for ladies. Within a short walk to principal shops and theatres.

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Bald Mountain House. 3rd Lake—Fulton Chain. 37th Season. Fifteen minutes from two golf courses. June to October. P. O. Old Forge, New York.

The Mohawk and Cottages. A modern Adirondack hotel offering golf, riding and a wide range of sports and amusements.

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Paso del Norte. El Paso's largest—and decidedly El Paso's best. All-year golf and other sports. Five minutes from enchanting Juarez, Mexico.

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Bonnie Oaks. Cozy bungalows with fireplace and bath. Tempting food, mountains, horses, golf. June 15th—October 15th. Booklet. E. H. Page, Proprietor.

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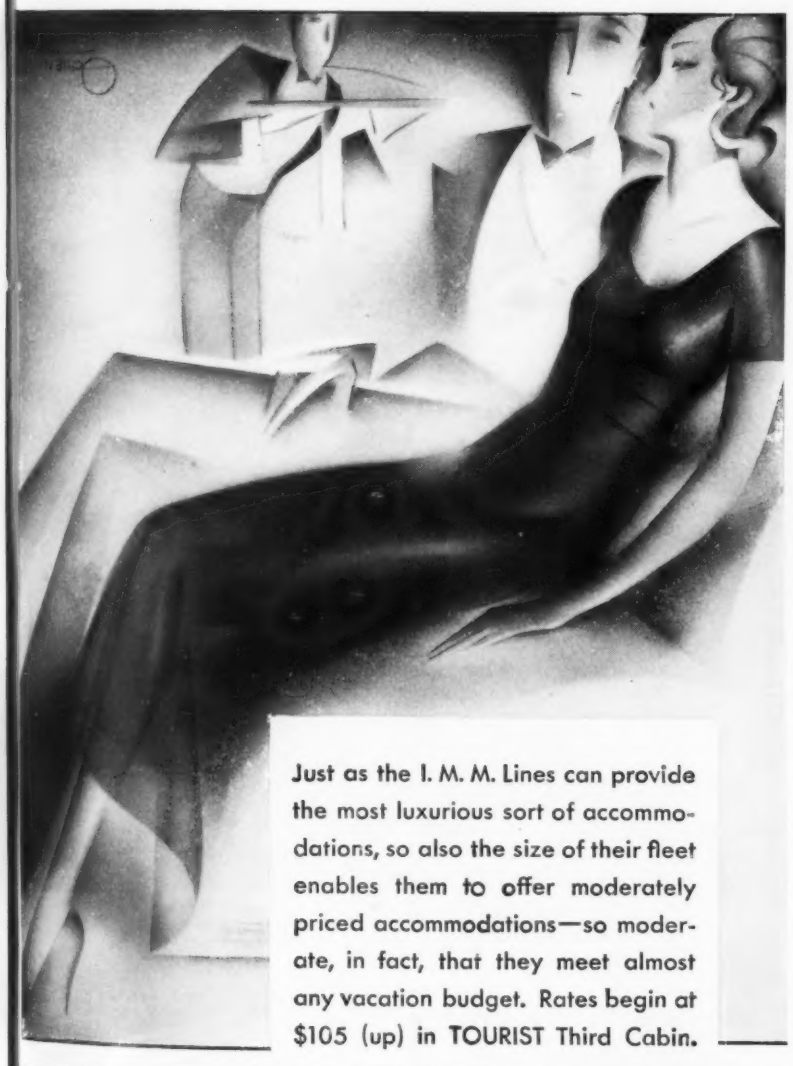

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Hawaii Tourist Bureau

(HONOLULU, HAWAII, U. S. A.)

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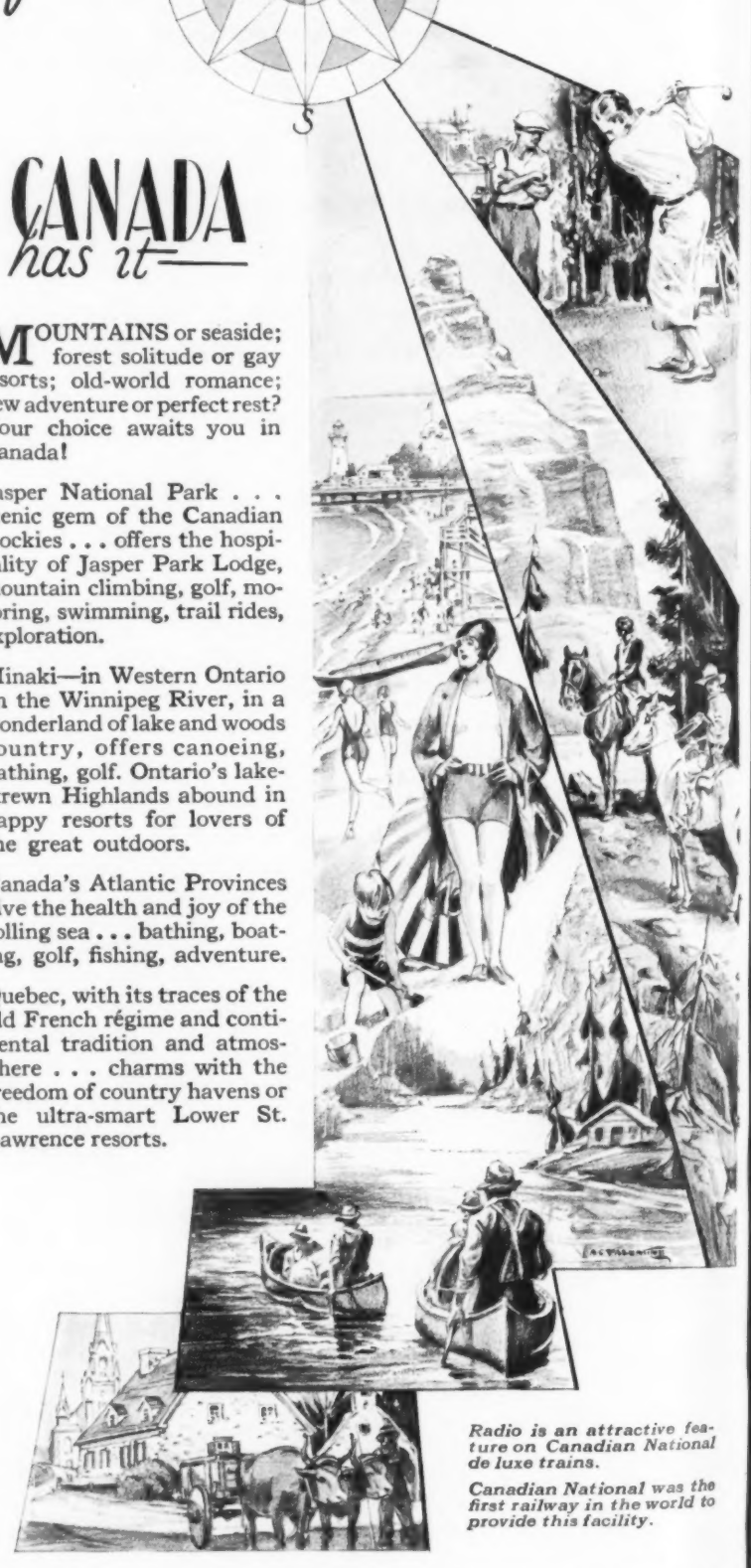
Quebec, with its traces of the old French régime and continental tradition and atmosphere . . . charms with the freedom of country havens or the ultra-smart Lower St. Lawrence resorts.



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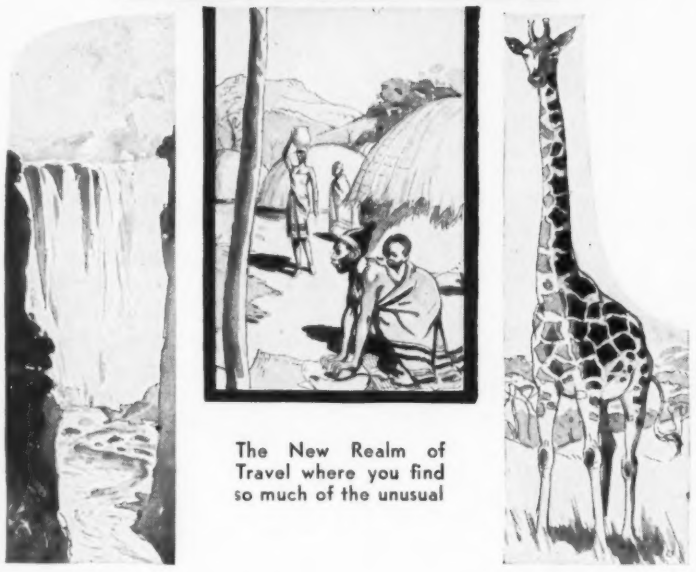

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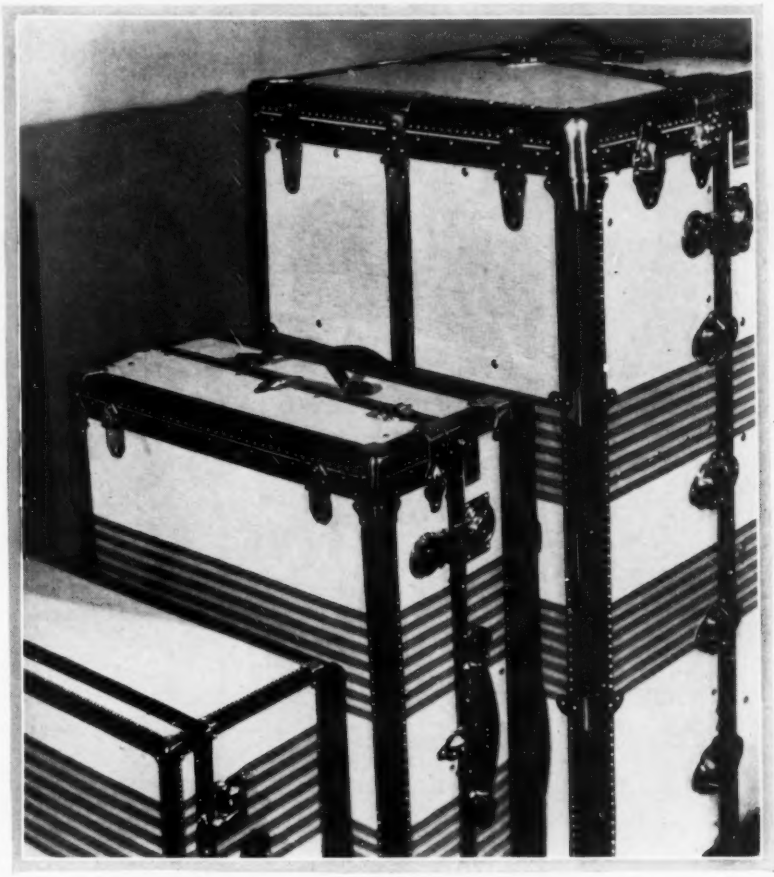

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THE HEAD PORTER of one of the big hotels in Paris asked of an American, "What is the meaning of these red and yellow bands which some of your people are allowed to have on their luggage?"

He thought the familiar stripes of the Oshkosh "Chief" were some governmental insignia awarded for distinguished public service. As a matter of fact, that wouldn't be inappropriate!

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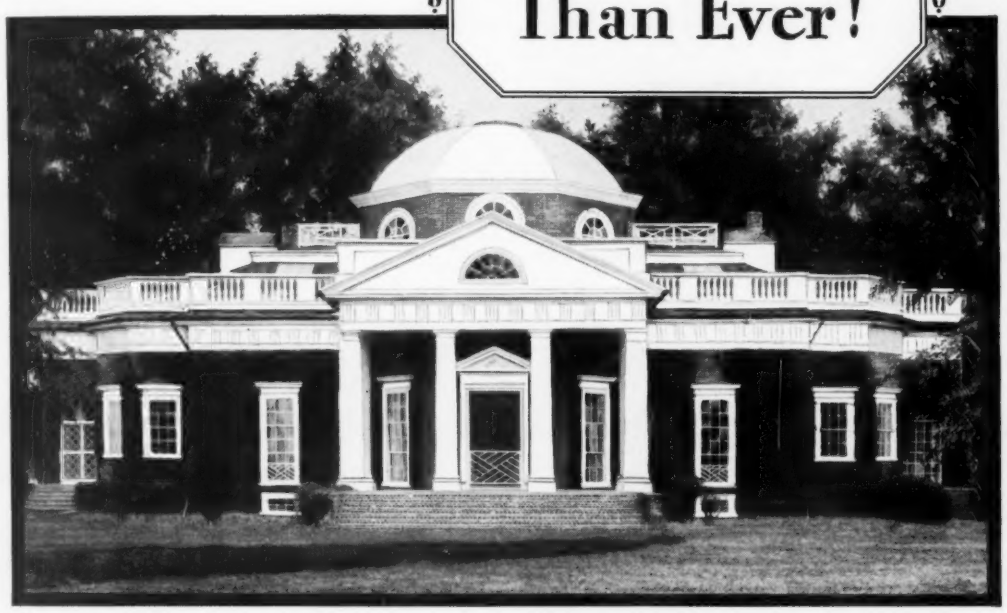

"MONTICELLO," *the stately home Thomas Jefferson designed with his own hand. Recently painted with Outside Barreled Sunlight, "Monticello" is now more attractive than ever.*

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BOTH FORMS OF BARRELED SUNLIGHT *are sold in cans of all sizes, 5-gallon buckets and large drums. Extremely easy to tint with oil colors. Quantities of 5 gallons or over tinted to order at the factory without extra charge.*

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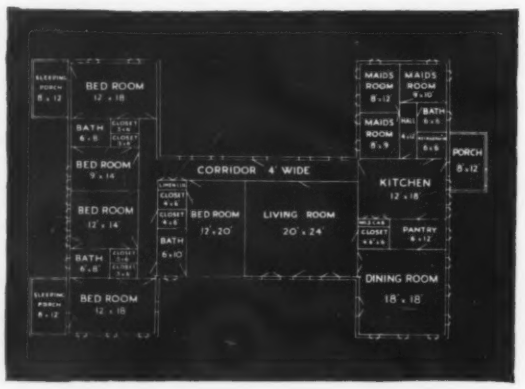
BED ROOM 12 x 18
BATH 6 x 8
BED ROOM 9 x 14
BED ROOM 12 x 14
BATH 6 x 8
BED ROOM 12 x 18
CORRIDOR 4' WIDE
BED ROOM 12 x 20
LIVING ROOM 20 x 24
BATH 6 x 10
MAIDS ROOM 8 x 12
MAIDS ROOM 9 x 10
MAIDS ROOM 8 x 9
BATH 6 x 8
PORCH 8 x 12
KITCHEN 12 x 18
PANTRY 8 x 12
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THIS IS THE FLOOR-PLAN *of the Hodgson House shown here. Our booklet also pictures and prices furnishings and lawn and garden equipment—bird houses, dog kennels, arbors, picket fences, poultry-houses, etc.*

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On the entrance door is used this special Sargent design, solid, permanent and artistic. It connects with the rugged Sargent cylinder lock.

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"For one thing, we're going to have *copper* for those leaders and gutters!"

"Yes," says your wife, "and I'm not going to have my curtains ruined by rusty screens. We want copper or bronze there, too. It costs only a little more."

Wise people—spending wisely that you may save trouble and costly repairs in years to come!

Yet how much more important that you spend just as wisely on the *hidden* details where rust-proof metal is just as vitally necessary! Your water system, for instance, those pipes out of sight behind the walls . . . you're sure to save on them if you use Chase Alpha Brass Pipe.

You've seen the annoyance and damage caused by rust-clogged, leaking pipes. You've heard people talk about the expense of pipe repairs. *You'll* never have any repair bills to pay, for Chase Alpha Brass Pipe *cannot* rust. By preventing repairs alone it saves more than its cost in actual cash.

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No "brown" water, either . . . with fine linens and lingerie rust-spotted and stained beyond repair. Chase Alpha Brass Pipe saves you many a ruined piece of laundry!

The cost? Surprisingly moderate. It's only about ¾ of a cent per building dollar more than pipe that rusts — sometimes even less, as the actual figures at the right show.

And Alpha Brass Pipe is available anywhere—any plumber can supply it. You can identify it by the name and Chase-mark stamped every twelve inches on every length.

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This mark is stamped on all Chase plumbing products

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ISN'T RUST-PROOF PIPE WORTH $81.62 extra? That's all Chase Alpha Brass Pipe added on this $40,000 house. Designed by R. C. Hunter & Bro.*

**Figures by courtesy of Architectural Forum. Amounts will vary slightly in different localities, but are usually ¾ of 1% of building cost or less.*

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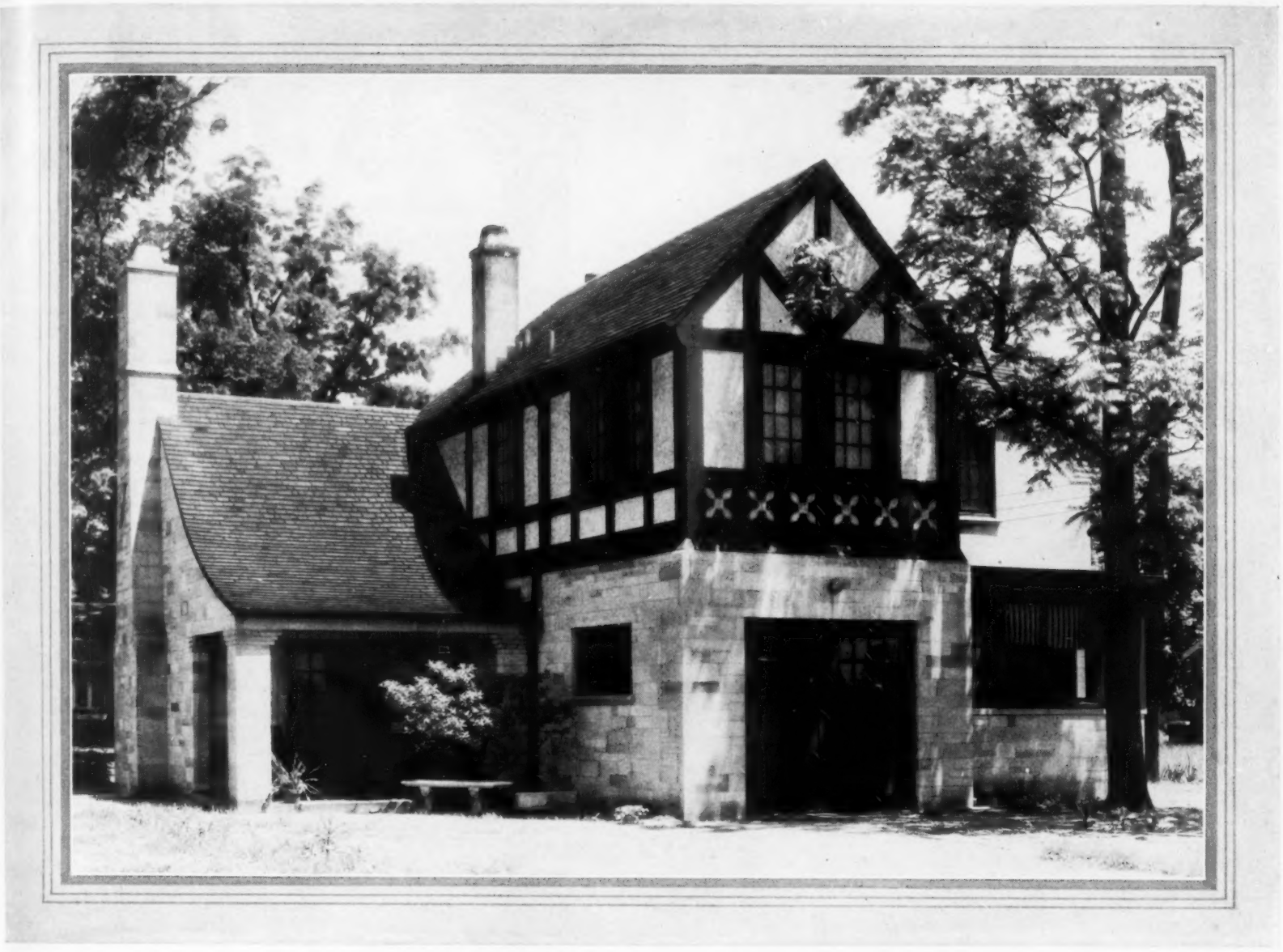

Residence, Terre Haute, Indiana. Johnson, Miller, Miller & Yeager, Architects.

FIRST FLOOR PLAN

SECOND FLOOR PLAN

NATURAL STONE...HOW USED... AT WHAT COST

in this small house

AT COST scarcely higher than if ordinary materials were used, the owner of this residence has secured enduring beauty by the use of natural stone.

ILCO Riplstone, the material is called. It is Indiana Limestone prepared and used as a wall facing, just as brick or stucco is used. The stone is sawed by machinery into strips at the quarries. On the building site, these strips are broken to lengths and laid up in the wall.

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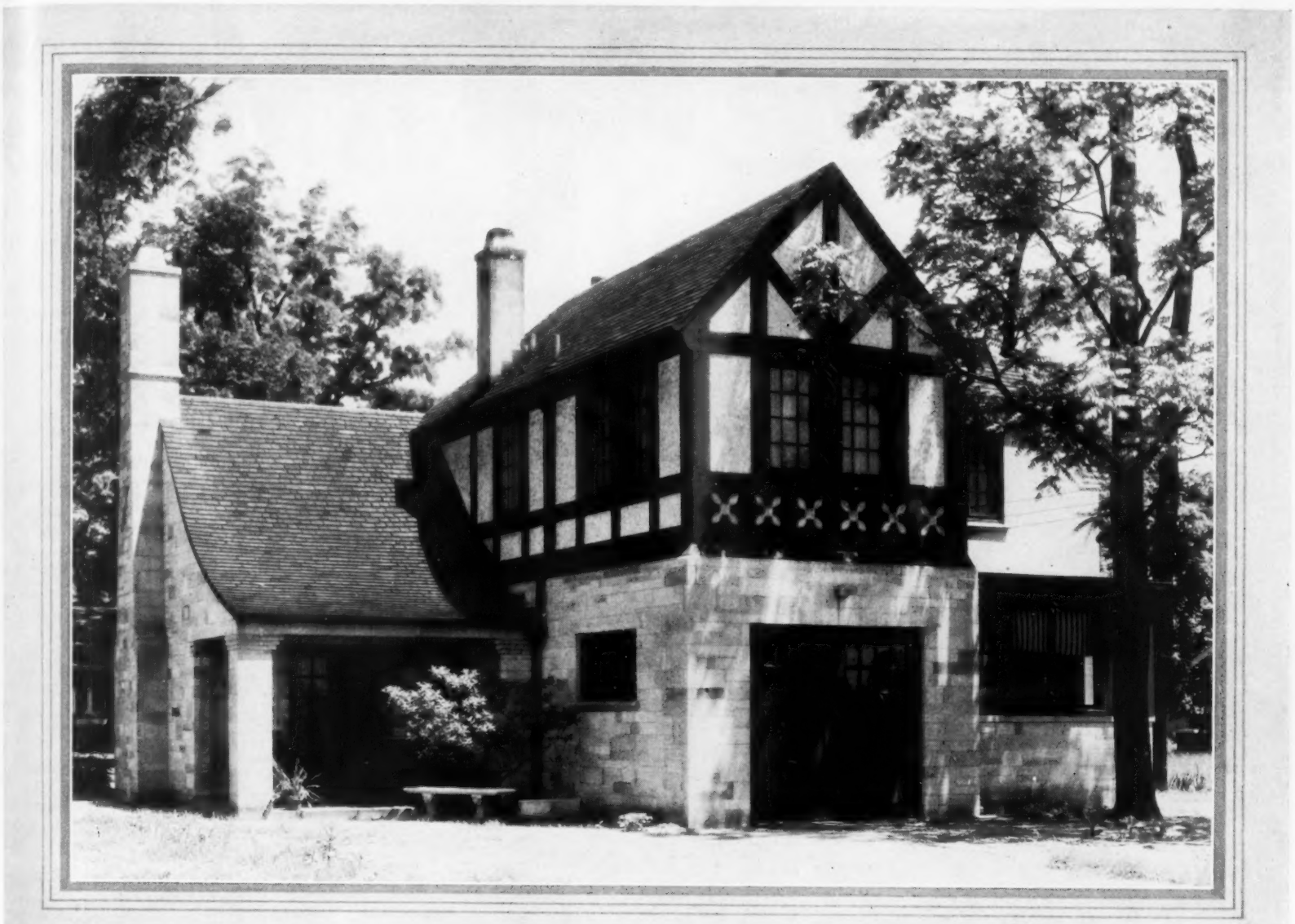

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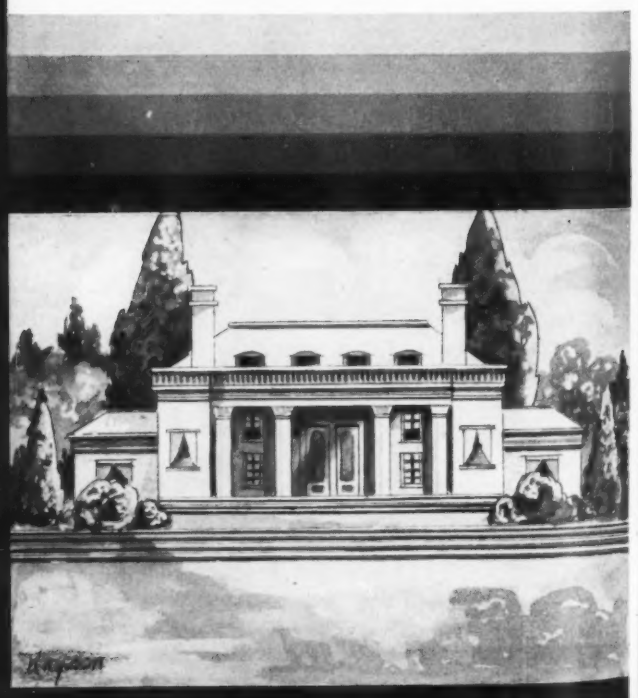

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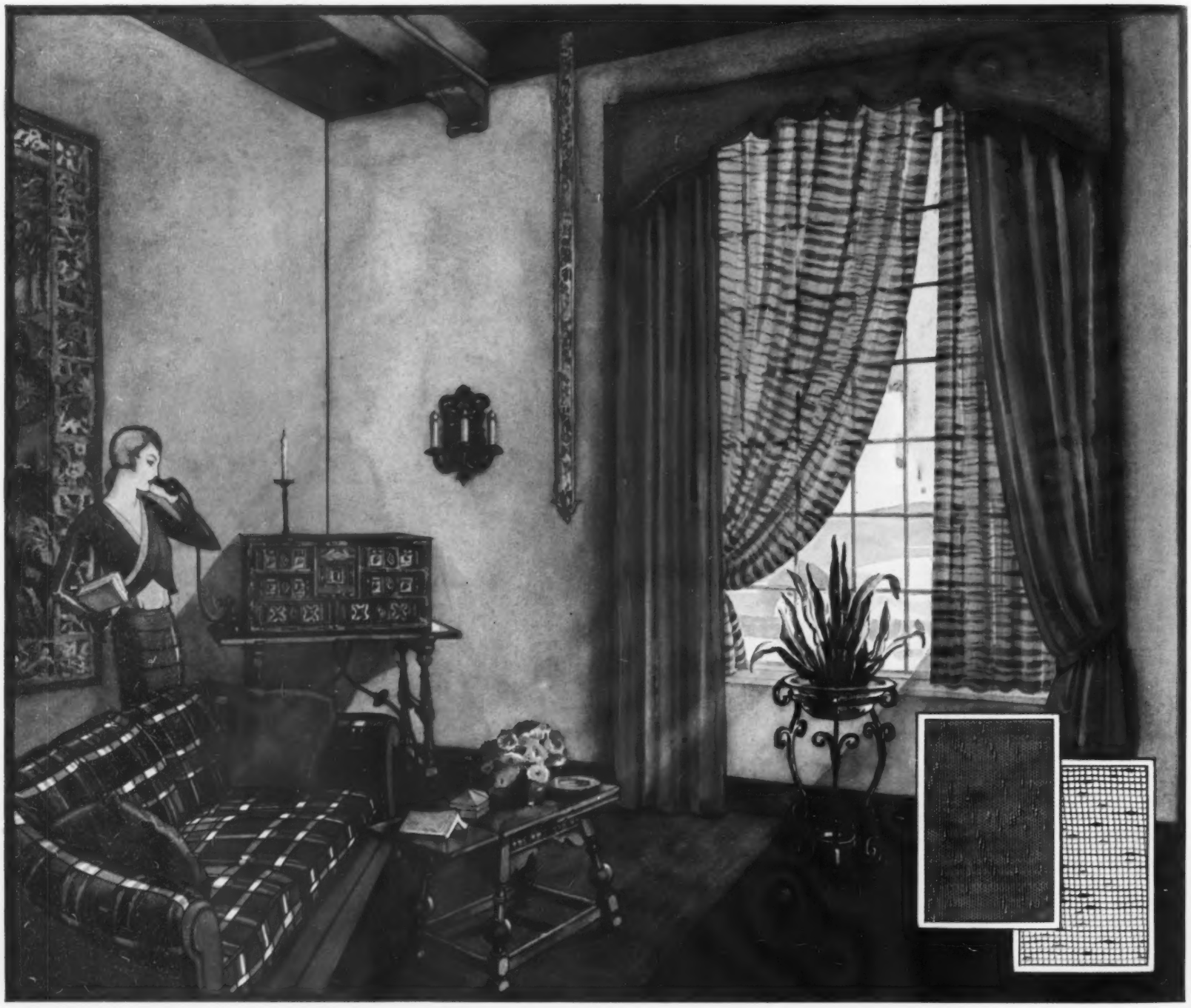

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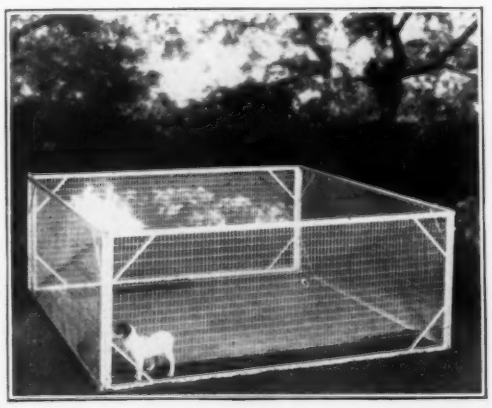

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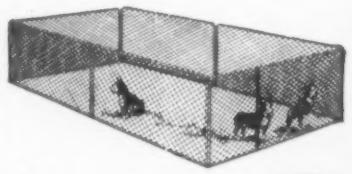

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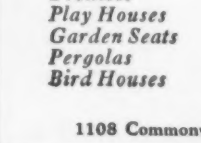

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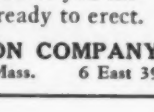

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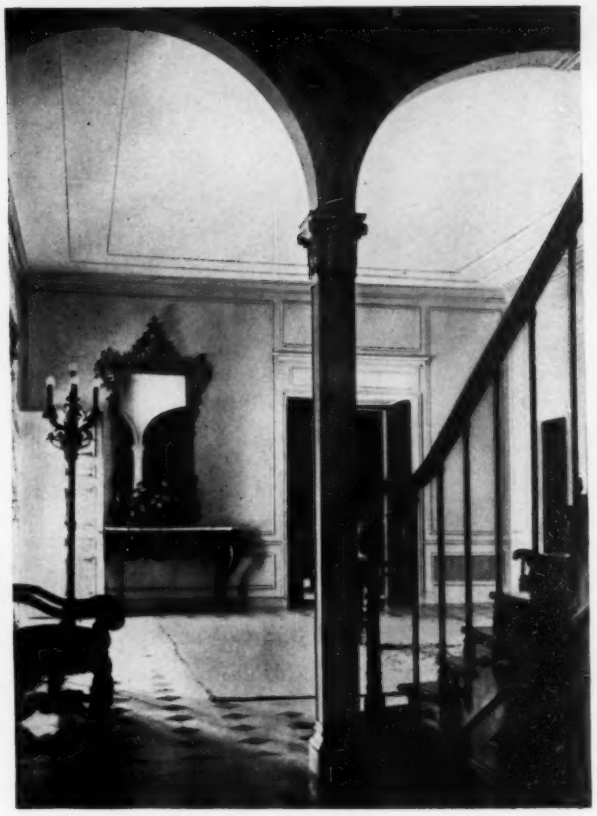

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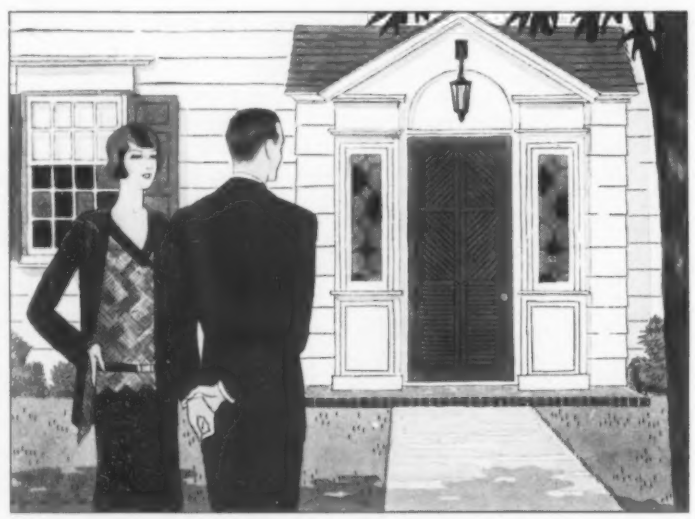

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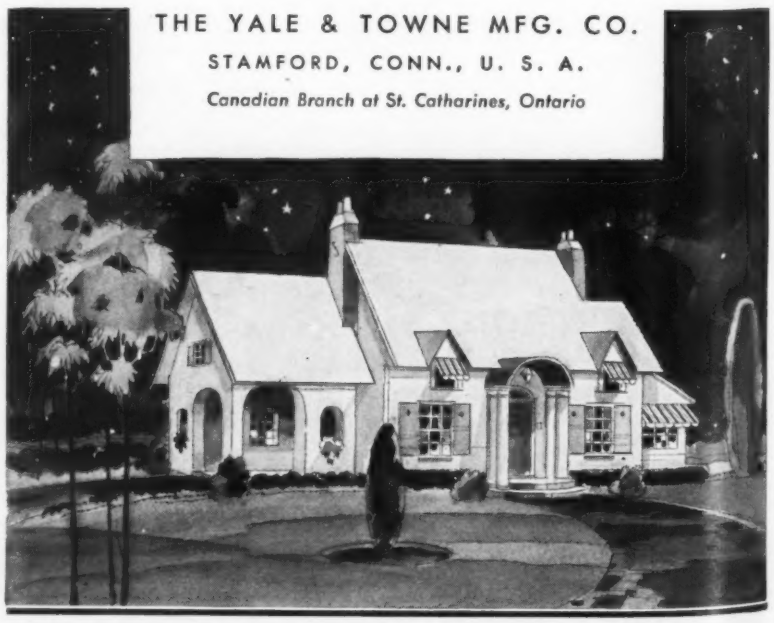

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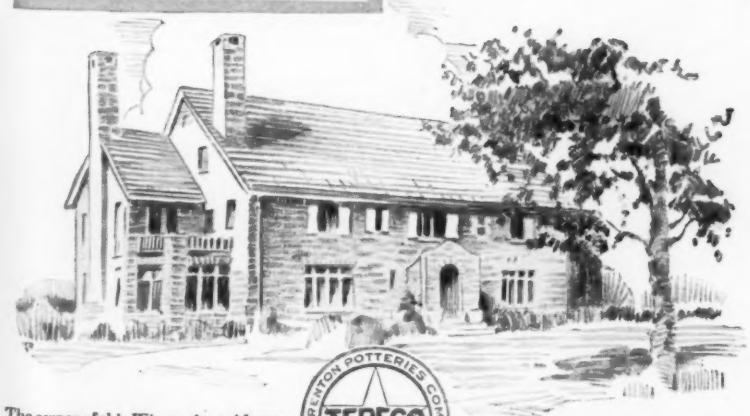

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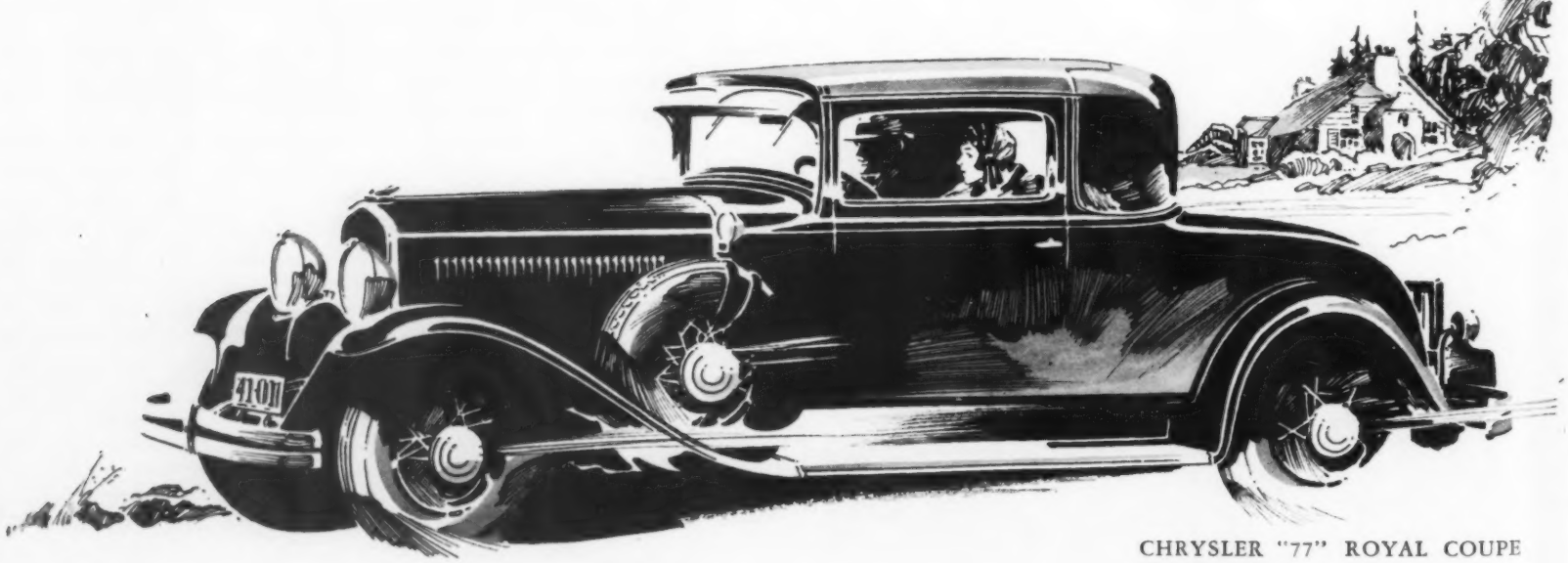

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May 1930

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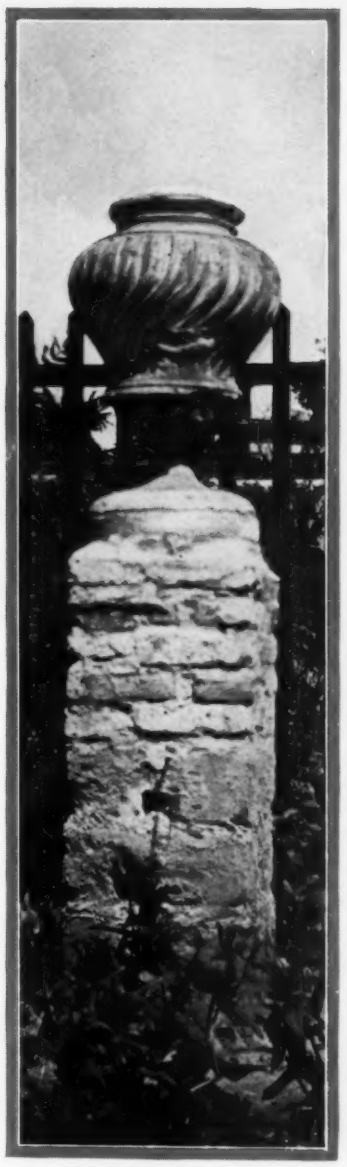

IT is one of the encouraging signs of the times that each year finds more and more Americans turning to the outdoors in their hours of relaxation. Increasing thousands, as the seasons pass, learn the beneficence of Nature's simpler things. Today the life of a country house is lived almost as much in its garden as within the four walls.

There is much to be said for this tendency. Nature renders no bills, extracts no back interest. She is the perfect landlord, asking only that we accept her moods as they come and give her freedom to maintain her own charm—the personal charm of subtle changes.

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MOTHER'S DAY
MAY 11TH.

MARY HILL WILLARD
Mother of Frances E. Willard

MARGARET M. CARNEGIE
Mother of Andrew Carnegie

SARAH BUSH LINCOLN
Step-mother of Abraham Lincoln

VICTORIA MOOR COOLIDGE
Mother of Calvin Coolidge

ELIZA TOMLINSON FOSTER
Mother of Stephen Collins Foster

ABIGAIL SMITH ADAMS
Mother of John Quincy Adams

MARTHA BULLOCH ROOSEVELT
Mother of Theodore Roosevelt

MARY BALL WASHINGTON
Mother of George Washington

MOTHERS FAMOUS PEOPLE REMEMBER

In its Mother's Day wrap the Sampler takes on new charm.

Don't you forget !

To her, your remembering — your remembrance — your thoughtfulness of her, is the most wonderful thing in the world.

Don't let carelessness — thoughtlessness — on your part cause your mother a hurt. And your forgetfulness would hurt her beyond measure.

What more fitting to carry your thoughtful tribute than Whitman's famous and beloved Sampler. What a tasteful and graceful message to mother from you — this charming Sampler in its special Mother's Day wrap showing the flowers she loves in quaint cross stitch.

"ON THIS DAY LET NONE FORGET MOTHER; BE SHE EVER SO FAR AWAY LET SOME TRIBUTE OF LOVE BE SENT HER."

Carry the Sampler to her if possible. If not, any Whitman agency will gladly mail it for you.

Whitman's Chocolates

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The BULLETIN BOARD

THOUGHTS IN A SUBURB. Three sentiments come to us as we ride through the average suburb; that domestic privacy is a thing of the past, that much good architecture is wasted for want of elbow room, and that a suburban street is no place for a baronial hall.

The commercial instinct of realtors prompts them to build houses cheek by jowl, with the result that privacy is unknown to the occupants of such houses. Likewise, being so closely packed, houses of good design are utterly lost.

Endeavoring to gain privacy, many suburban home-owners plant their little grounds with such an abundance of shrubs, trees and hedges that neither the garden nor the house is benefited. Many places are over-planted: they fairly gasp for the breathing spaces of open lawns.

As for baronial halls, let us utter an axiom: a good small house does not consist merely of a good large house design reduced in size. The English manor house, set amid hundreds of acres, simply cannot be scaled down to lilliputian proportions and squeezed onto a fifty-foot lot.

THE HIGHROAD. As you will observe on another page of this issue, the stage coach has reached a new inn. Heretofore ship models added an air of romance to our rooms, sailing to the far-flung ports of the imagination. Now the coach model has attained popularity, and it will soon be a pretty poor collector who won't be rumbling along the highroad of his dreams. These decorative models come in a variety of historic designs, with and without horses drawing them. So realistic are they, you can almost hear the clatter of hoofs and the squeak of the bodies as they sway on the straps that serve for springs.

CLEVELAND GOES GEORGIAN. It is said that any cultured Englishman traveling through his own country can tell exactly where he is by merely glancing at the houses as his train flies by. Native materials and local styles of architecture that grew from the use of the materials have vividly marked each locality. Some day this may be said of our own broad land. Only a blind man would fail to know when he was nearing Florida or Southern California, so universal has Spanish architecture become in those sections. The suburbs north of Chicago—which area surely holds the world's record for conglomerate architecture—appear to have gone Norman. The suburbs of Cleveland, especially the lovely Shaker Heights, having passed through a hectic adolescence of Early American and half-timbered English cottages, have attained maturity in Georgian architecture. And excellent Georgian architecture it is, for the architects of Cleveland, being wise in their generation, are not all striving to "improve" traditional designs.

STONE WORK. When one is dismayed at the high cost of a new stone house, it is only natural to envy the European peasants their charming stone cottages. How could their forefathers ever have afforded to build them? And why is the stonework in itself so decorative that the houses require no further ornament?

The answer needs no technical investigation. In informal European domestic architecture there is a sparing use of "dressed" (or carefully smooth, rectangular) stone units, since this required considerable labor, with perhaps the added necessity of importing stone if the house were in a flint or granite region which would resist tooling. Instead, all sizes and shapes of stone indigenous to the locality were used, and not shipped at great distance from a quarry in regular sizes like so many large bricks. However, with this irregularly shaped material, it must be noted that it was not haphazardly thrown together to make a jig-saw, crazy-quilt pattern, for such a wall would have no structural value. And the peasant had no steel columns or beams to guarantee the safety of his roof. European walls, built to survive centuries, follow the rule of laying the stone with its strata horizontal (as it lay before it was quarried), and carrying the horizontal joints through at least every eight to ten inches. Utility, economy and structural strength were considered first. The decorative quality of the walls which we admire, were not the result of forced effort, but an incidental feature of intelligent masonry. Stone units of all sizes were laid like brick in horizontal courses; when irregular they were sorted so that those of an even height could serve as a squad in holding a line.

However, the masonry can be no better than the mason, and the owner of a house-in-building does well to have a portion of the wall laid and relaid until it is sufficiently satisfactory to serve as a model for the entire house.

OLD SOUTHERN GARDENS. For the second consecutive year the Garden Club of Virginia has arranged a pilgrimage to the old gardens of that State, beginning April 28th and ending on May 3rd. The purpose of the tour is to finance the restoration of the garden at Stratford, the home of the Lees and the birthplace of General Robert E. Lee. For this purpose, there will be an entrance fee of fifty cents to the gardens and a dollar extra to houses. All told, about 130 different places will be visited.

This tour offers an unusual opportunity to see the fine old estates of Virginia, most of which are not ordinarily open to the public. It will be followed on May 4th, 5th and 6th by visits to some of Maryland's old mansions. Details of the pilgrimage are obtainable from the Stratford Garden Committee, the Prestwould, 612 West Franklin Street, Richmond, Virginia.

TWO NEW ROSE BOOKS. The fifteenth edition of the *American Rose Annual*, the publication of the American Rose Society, attains a peak in this year's presentation of Rose literature. Rose culture in all sections of the country and under all manner of circumstances is reported on, and in *The Proof of the Pudding* the editor, Dr. J. Horace McFarland, presents a symposium of opinions on the culture, performance and value of Roses that have appeared in the past five years. It is inconceivable that a gardener who enjoys Roses can exist without the benefit of this Annual.

In his *Rose Manual*, J. H. Nicolas, a frequent contributor to *House & Garden*, brings the world's knowledge of Rose culture within the practical confines of an easily-handled book. His long contact with the Queen of Flowers both here and abroad gives his Manual a well-deserved place beside the giants—the works of Thomas, McFarland, Pyle, Pemberton, Jacks, Hole and Foster-Melliar.

We would also like to record, in these few remaining lines, the delight we are having in Mrs. Francis King's *From A New Garden*. This well-beloved Godmother of American Gardening starts afresh in a new section of the country—and the gardening world is richer for her experiences.

A PENNY A RING. Suburban and rural dwellers whose lives are pestered with the persistent calls of the Brush Boys, Huey Hustlers, Mop Men and other would-be purveyors of life's gadgets may find surcease in a scheme which is reputed to have found favor among the housewives of Holland. Those thrifty souls, so we hear, are delighted by the success of a device whereby the doorbell can be rung only by dropping a penny through a slot. Should the visitor be welcome, he gets his coin back; otherwise, not.

The more we consider the idea the better we like it. Conceivably it has possibilities, also, for that hardy human perennial who motors out from town every pleasant Sunday intent upon seeing how many free lunches, drinks and suppers he can wangle out of his rustic acquaintances.

SCIENCE AND PLANTS. The recent announcement that the Boyce Thompson Institute for Plant Research, at Yonkers, N. Y., will be doubled in size comes as welcome news. This program of expansion will materially extend the already notable achievements of the Institute, whose main purpose is to free humanity from the autocratic domination of Nature. It is the hope of Colonel Thompson and his staff to place the United States and all countries, ultimately, above starvation in the event of panic or wars.

Resistance of plants to smoke is one of the problems which will be studied under the increased facilities. Experiments will be conducted in the 400-acre arboretum soon to be established.

A DEAN ON BELLS. The garden lover who has not read the writings of Rev. Henry Thomas Ellacome has a happy surprise awaiting. In *A Gloucestershire Garden*, *In My Vicarage Garden and Elsewhere* and *The Plant Lore and Garden Craft of Shakespeare* are classics of urbane and helpful garden literature, written out of wide experience and with scholarly and humble understanding. But the good Dean also had another hobby for which he was equally famous—he became a great authority on bells and belfries, and wrote two books on the subject—*Practical Remarks on Belfries and Ringers With An Appendix on Chiming*, and three volumes on the church bells of Devon, Exeter, Somerset and Gloucestershire.

Paul J. Weber

In The Simple Native Taste

The living room at "Autumn Acres", which is described on the succeeding pages, was furnished in native New Hampshire antiques. Over the simple mantel a weathervane taken from a neighboring barn serves as decoration. This fireplace side of the room is paneled in wide pine boards

An Abandoned New Hampshire Farm Demonstrates Its Possibilities

Melvin Pratt Spalding

SOME people are blessed with this faculty and some aren't: for it is a distinct and worthwhile gift to be able to look upon a rundown property and visualize its possibilities. Thanks to that gift, many a forgotten homestead has gained a new lease on life and its new owners a fresh interest, a picturesque environment and a livable background.

It is also a gift to be able to visualize the possibilities of an old place and at the same time keep one eye on the pocketbook. And there's the rub! "Possibilities" cost good, round dollars, and the number of them one must hand out will depend on several factors: (A) the condition of the property as found; (B) the local cost of labor and materials required for restoration and improvement; (C) the extent to which restorations and additions will go; (D) the ultimate uses to which the property will be put.

In many instances it is cheaper to pull down an old relic than to restore it. Worn sills, rotted timbers and such necessary structural features must be replaced and often the replacement does not pay. If these essential structural items are past repair—a condition which a strict survey of the house will reveal—then it is wiser to raze the building and salvage from it such old timbers, doors, paneling and such as can be used in a new house. Again, the original house may be so primitive that the introduction of modern amenities requires a total rebuilding of the structure. In this case the house is usually enlarged, and one must figure if this enlargement isn't more expensive, in the long run, than the building of a new house.

Local labor is a factor difficult to figure. In some sections it is easily available, in others scarce. Sometimes the work can be done by day labor and sometimes it is wiser to let the whole job out on contract. It is often more pleasant, more picturesque and sometimes more economical to employ local labor. If one finds a country carpenter with romantic idiosyncrasies, the owner's contacts with him and the results of his work may prove one of life's most pleasant experiences. However, one should never try to rush the rustic: he usually enjoys his work far too much to do it speedily!

The extent to which restorations and additions will go depends entirely on one's purse and, from the point of wise spending, on the uses to which the property will be put. It is obviously

From a nondescript shingled house was fashioned a summer home that reproduces in its architecture and furnishings the style of its New Hampshire setting. It is at Lake Asquam, in the White Mountains, and bears the pleasant name of "Autumn Acres", because it is especially beautiful in the Fall. Melvin Pratt Spalding was the architect

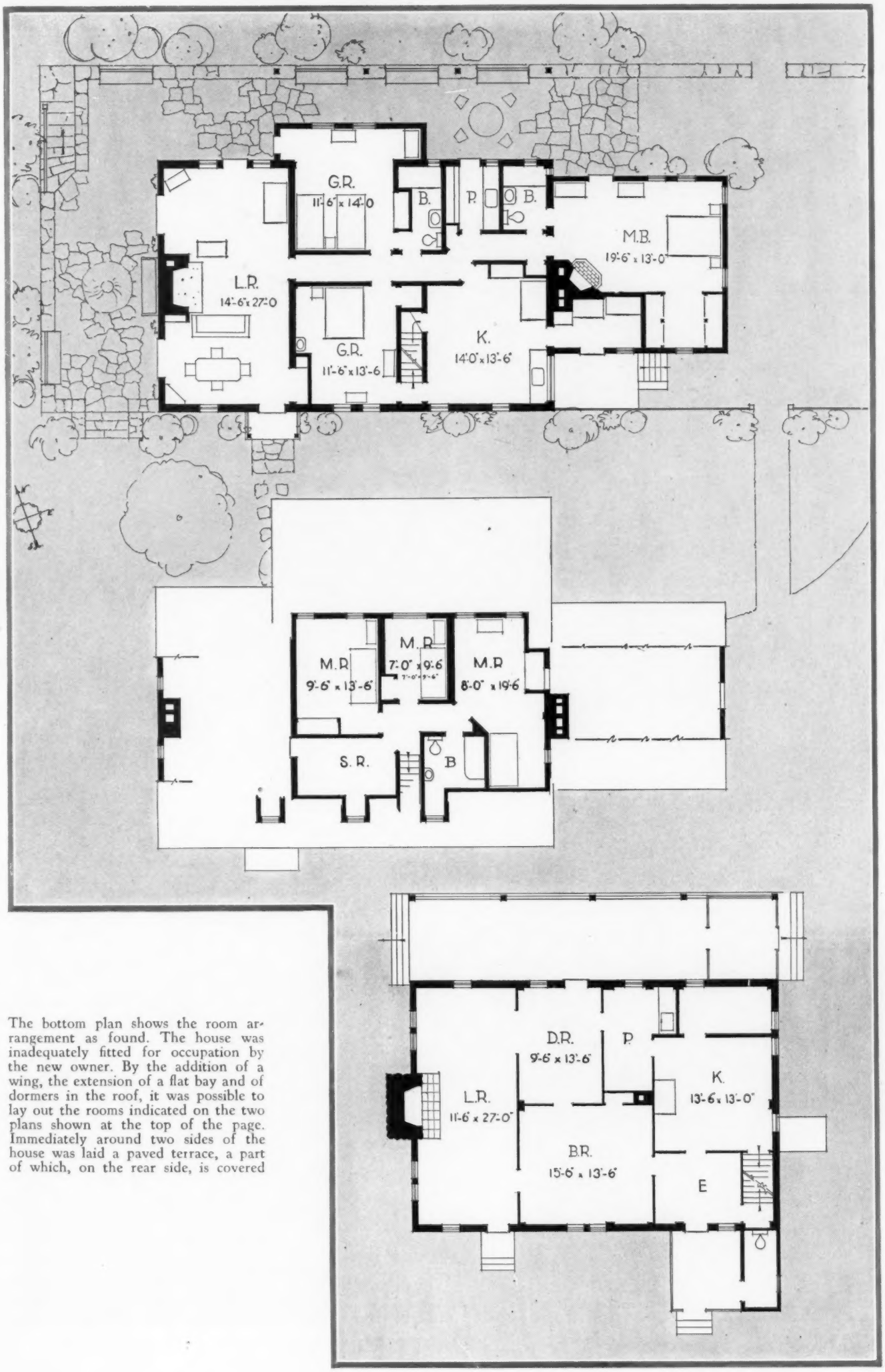
Taken from approximately the same point, these two photographs tell vividly the tale of this restored country place. The barn was converted into a garage and its ugly adjoining extension made into a wood shed with arched openings. To the house was added a wing and to the second story, dormers. White clapboards, a shingle roof, a latticed portico and windows with small panes are in the vernacular of the neighborhood. The service end of the house was fenced, so that it has the appearance of a Cape Cod cottage. To one side was built a service house. The walls were re-piled and lawns made from the tangle of wild grasses

unwise to make a large layout for a house that will be occupied only over week-ends or for a short season. Many owners relish a primitive atmosphere if they don't have to endure it long, and for such people there is no need to invest in expensive restorations; on the other hand the necessary items of water, sanitation, light, heat and easy cooking facilities cannot be overlooked even in the most primitive summer house. Thanks to the ingenuity of manufacturers these are readily available.

One final suggestion—in restoring or remodeling an old house, the finished product will fit better into its environment and the owners will probably be happier in it if care is taken to follow the architectural customs of the neighborhood. Each of our older rural sections has its own idiosyncrasies of design or marked architectural style. Study these carefully whilst dreaming of the "possibilities" in any old place.

This last bit of advice was followed strictly when plans were drawn for the farm group illustrated on these pages. "Autumn Acres", at Asquam Lake, New Hampshire, inherited no architectural merit; it was merely a summer camp with commonplace barns and shed located on a splendid site commanding views of the White Mountains. The nearest town is Sandwich, and from a farmhouse in that town were taken the typical New Hampshire local styles of cornice, wide clapboards, entrance portico and such other features that give the finished property its charm.

As found, the original house was shingled



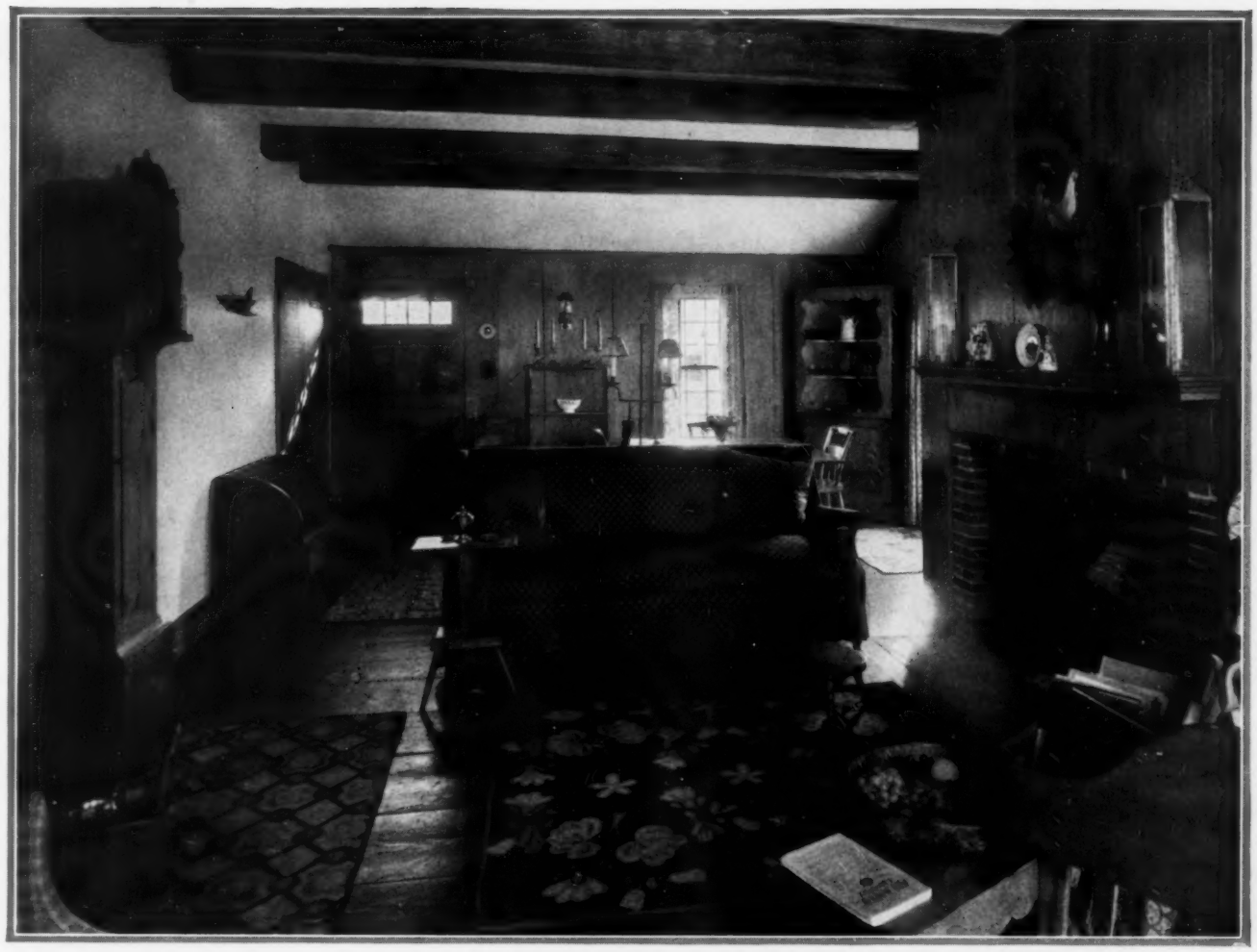
The bottom plan shows the room arrangement as found. The house was inadequately fitted for occupation by the new owner. By the addition of a wing, the extension of a flat bay and of dormers in the roof, it was possible to lay out the rooms indicated on the two plans shown at the top of the page. Immediately around two sides of the house was laid a paved terrace, a part of which, on the rear side, is covered

In the original house one main cobblestone chimney and a temporary stack at the rear sufficed. One was rebuilt of brick and enclosed by bringing forward the end of the house, and another added on the opposite end to serve the kitchen and master's bedroom. The rear porch was cut down and a paved terrace laid here and to the side

The door at one end of the living room shown opposite is the main house entrance; on the other end a French door opens on the rear terrace which commands a view of the White Mountains. Hooked rugs and native antiques give this room its veritable air of a delightful New Hampshire farmhouse equipped for informal summer living

and had a tar paper roof. Its rooms were cramped, the best feature being a porch on the mountain side. The first step added a wing to one end, to enclose service entrance and master's bedroom, with a corner fireplace that uses a flue in the kitchen chimney. A flat bay was extended on the rear. This added space made possible a rearrangement of rooms downstairs, giving a living room, two guest rooms and baths and the master's chamber and bath. Upstairs the roof was broken with dormers, affording space for three servants' rooms and bath and a sewing room. The house was walled with clapboard painted white, the roof shingled, windows of the period were installed and the entrance put in place.

The "before" pictures show a commonplace barn and decrepit shed attached to it. The latter was cut down in size and given a fronting of three arches. Today with its woodstacks filling the arches it is quite a picturesque feature. The barn was shingled and turned into a garage. The tumbledown stone wall was rebuilt and other walls piled up to define areas around the house and barn. The only additional building was a small service house erected at one side behind the main house.



"Without The Gate"

A Dirge For A Dog

A GOOD many years ago I said I wouldn't do it again. That was the time, still vivid in my memory, when a poor little wisp of a blind skye terrier, doomed to darkness and eternally banging his snout against chair legs and fences, was dragged from my childish arms to a lethal chamber. No, I would never have another dog.

But promises are vain things and the younger the lad the vainer they be. So there came into my life a black and tan, a slithery black and tan, and he went by the name of David, for David was the man who wrote Psalms and I was learning them then on Sundays at the knee of a pious maiden aunt. It was she who named him, she who corrected my impiety when I called him Dave. But even a pious name cannot save a black and tan when he disputes the right of way with a trolley car. So once again I knew what Kipling meant when he warned us not to give our hearts to a dog to tear.

The years passed, and down them loped a varied succession of dog friends—big dogs and little dogs, dogs well-bred and mongrels. Jack was a dancing dog out of London, taught to do tricks on his hind legs, and he did them from Amsterdam to Paris while we hoofed that long way one flowery spring, and through Germany into Russia and from Russia across Siberia, and up the icy reaches of the Amur where he danced to the delight of peasant children who, if they are alive today, are grown men and women. Then one night, at an isolated station on a rickety railroad while we slept, he stepped off to get the air—and never returned. Even in Siberia you shouldn't give your heart to a dog to tear.

And there was Delphinium, a hybrid between an otherwise respectable collie mother and a peripatetic airedale sire, who went to the farmer's boy because he was good and attended Sunday School as his mother bid. But when the winter of an old age came down on him, once more I knew that Kipling was right—

> Brothers and sisters, I bid you beware
> Of giving your heart to a dog to tear.

ALL of which experiences should have taught a grown man not to run foul of good advice. Yet scarcely had that memory passed when I found my affections transferred to a wire-hair fox terrier who for seven years gave us "love unflinching" and whose spirit, that answered our every mood, is gone now—wherever it goes—for good. But this time I was curious where dogs do go, and turning over the pages of the Apocalypse I came to the description of the Eternal City, glittering, and gorgeous, with no night, nor darkness, nor pain, nor grief. There it is written (you'll find it in the 15th verse of the last chapter) that without the gate of Heaven are dogs.

A CERTAIN college professor has recently enjoyed his crowded hour of newspaper publicity by stating that the American home is on the decline, that it "remains nothing but a place to change one's clothes in, to have cocktails in before going out to dinner, and a place to spend a few hours' sleep." He further claimed that the American child was nothing but layers of obsolete social, religious bandages wrapped around the semblance of life.

This statement appeared just about the time we finished a cursory survey of what might be called "the pet business." The report from the latter was as encouraging as the gloomy professor's statements were discouraging. It appears that the pet business was never more thriving. More dogs and cats are being sold today than ever before. People are going in for birds despite the hysteria of parrot fever. The horse, in all parts of the country, is enjoying a wide revival of popularity. Even the clustering of our population into apartment houses does not prevent people keeping pets. The tenement streets of this country as well as its Park Avenues attest to the universal popularity of the dog.

Since these dumb creatures cannot live without some sort of home we must decide that either the professor is grossly wrong or else the pet business is a poor measure of the status of the American home. One can scarcely conceive of a home without some pet in it; indeed, it is a distinct mark of people who love their homes, who prefer to be in their homes than anywhere else, that they surround themselves with pets and enjoy their petty slavery to dumb creatures. The dog on the hearth rug, the cat on the sofa, the canary in its cage at the sunny window are all symbols of home and home contentment.

We prefer to stay on the side of the dogs. We prefer to believe that the American home is not on the wane and that people are buying pets because they love their homes, want pets about them in their homes, want their children to enjoy the companionship of pets. These children though they are mere semblances of life wrapped around with layers of social, religious and political bandages, react to a dog or any other pet just as previous generations of children did. They still romp with kittens and stand wonderingly before a canary's cage when it sings. And so long as they do, and so long as men and women can cherish the dumb affection and loyalty of a dog about them, there need be little fear over the American home becoming merely a clothes closet, a bar and a bedroom. The growing number of men and women who know what it is to feel the strength of a spirited horse beneath them all attest to the stability of home customs.

But if that dog, that cat, that little bird in its cage, that horse in the paddock comes to the end of its time and its owners fail to feel the loss of its companionship, then we may fear for the worst.

SO without the gate of Heaven are dogs. Perhaps horses too. Perhaps cats sunning themselves on the top rail of the golden fence. Perhaps little birds singing there. Without the gate—but not very far without.

And if it should be our fortune—those of us who have loved pets—ever to pass within those mythical gates, surely most of us will not stay far away from them. Most of us, I daresay, will linger now and then around those bars to stroke the nose of a favorite old horse or smooth down the fur of a playful kitten, or hear a bird sing again or scratch pensively the snouts of those celestial dogs that stand without—those blind skye terriers of our childhood, those black and tans of our youth, those dancing Jacks of our majority, those lovesome wire-hair fox terriers, such as the one who, on a day this spring, chased rats all morning and then curled up in a sunny spot on a barn floor and fell asleep.

—RICHARDSON WRIGHT

Tebbs & Knell

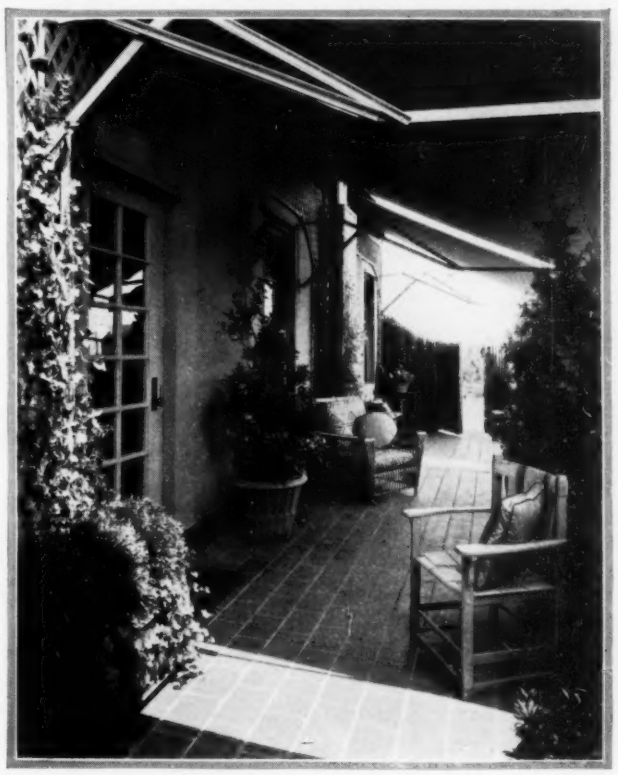
Blue For A Carolina Entrance Hall

Fine architectural detail and a rich color scheme lend an airy grace to this entrance hall of the R. E. Lasater residence at Winston-Salem, N. C. Woodwork is hydrangea blue and scenic paper covers the walls. The Hepplewhite sofa is covered in pale gold brocaded taffeta. Charles Barton Keen was the architect; W. E. Browne Decorating Company, decorators

Richard Averill Smith

The chief charm of a pent house is the opportunity it affords for a garden and outdoor living room high above the city streets. The furniture used should be sturdy enough to withstand wind and weather, iron being the most satisfactory for the exposed sections of the roof. Cushions should be in sunfast, waterproof materials which are now available in a variety of excellent period and modern designs. The pent house illustrated on these pages, on a roof in Brooklyn, has a surrounding terrace laid out to include a living room, a tiny formal garden and a space devoted to outdoor dining. Above is the garden portion of the roof, showing a collection of potted flowering plants massed around a small fountain, with boxes of Ivy, Ferns and Arborvitae effectively banked against blue-green stucco walls. The fence of split saplings was put up as a wind break. (Left) A sunny breakfast table overlooking a superb view

Richard Averill Smith



On one side of the pent house is a narrow terrace furnished as a comfortable outdoor living room protected by awnings of cerulean blue canvas. A noteworthy feature of this section of the roof is the manner in which the vent pipes have been concealed by lattices painted dull bluish green and terminating at the bottom in boxes planted with Ivy, Arborvitae and flowering plants. At intervals are turquoise blue pots filled with Boxwood. The wicker furniture here is stained brown with cushions covered in orange, turquoise and brown linen. Comfortable wooden chairs painted greenish blue have coverings of blue and orange canvas; the flooring is terra cotta tiles and the iron furniture used on the exposed portions of the terrace is finished in turquoise, blue and copper color. In the garden section lights are concealed amongst the shrubbery and so arranged as to flood the fountain, giving a very acceptable imitation of moonlight. Margery Sill Wickware was the decorator of this roof terrace

Furnishing A Garden And Outdoor Living Room On A Brooklyn Roof

Gardening's Renascence In The 18th And 19th Centuries

Ernest H. Wilson, V. M. H.

Keeper of The Arnold Arboretum

WESTERN gardens may count the hundred-year period between the middle of the 18th and the middle of the 19th Centuries the Golden Age of plant introduction. The era was one of great commercial activity, of bitter jealousies and feuds between aggressive nations. It saw the decline of Dutch and French sea power, the ascendency of the British to the admiralty of the seas and their loss of this country by high-handed foolishness. There was much traveling to and fro upon the earth and curious persons interested in the vegetation were remarkably alert, the result of it all being that the character of western gardens and the material cultivated therein underwent a complete change.

The gardens of our ancestors and of all and sundry that flourished up to about 1750 were stocked largely with native trees and shrubs and with the common herbs of the land. Those of today still boast magnificent trees, but shrubs and the so-called flowers—herbs, both annual and perennial—are largely of hybrid origin. Indeed, the garden of today—outside of trees, its permanent feature—is mainly filled with hybrid plants which are the result of the gardener's skill and have been created mostly since 1850. The period between 1750 and 1850 is one of importance since it was during this epoch that the raw material from which have been bred the plants we now enjoy was brought into western gardens. This period saw the first professional plant hunter engaged in his hazardous work and saw thousands of remarkable plants brought from the uttermost parts of the earth to grace the gardens of the West.

THE ANNUALS ARRIVE

In this period the annuals which make such a marvelous display in the drier regions of Texas, New Mexico, Arizona and California also found their way into gardens. To us, American annuals such as *Phlox drummondii* and Coreopsis, and perennials such as Gaillardias are commonplace yet indispensable members of our flower borders, and such trees as the Douglas Fir and the Sequoias among the commonplace, and yet it is scarce a century since they first became known to garden lovers. This period about which we write was one in which America contributed much of her great floristic wealth to the ornamentation of European gardens. In later years it was returned to the gardens of the Atlantic States where the Nestors of American gardens were at work. Early in this period Charleston and the region to the south were the headquarters of horticultural endeavor in this broad land. Later, the terrible Civil War ruined the South and as a result shifted completely the horticultural center of the country.

AMERICA'S CONTRIBUTIONS

A limited number of ornamental flowering plants had been sent from the eastern part of this country to the gardens of Europe during the first years of the 17th Century. In the latter half there was great activity in this direction; the elder Bartram, his son, William, John Fraser and André Michaux sent to Europe the Magnolias, Azaleas, Stewartias and dozens of other ornamentals which are now among the most prized possessions of gardens. In the second decade of the 19th Century David Douglas, a plant collector sent expressly for the purpose by the Horticultural Society of London, tapped the forest wealth of the rich Northwest and among other trees made known to the western world the giant Sequoias and that indispensable timber tree which bears his name, the Douglas Fir. On his heels followed William Lobb, who, in the interests of the famous nursery of Veitch & Sons, visited South America in 1840 and introduced such well known plants as *Lapageria rosea* and that delightful Barberry (*Berberis Darwinii*) without which no California garden is complete. Later Lobb traveled as far north as the Pacific Northwest and for the first time introduced the Redwood and Mammoth-tree in quantity into the British Isles.

The activity we are endeavoring to describe was by no means confined to this country, indeed, it was worldwide. That great man, Sir Joseph Banks, during the last quarter of the 17th Century was in the height of his power in England and he was responsible for the inauguration of plant exploration work which was to revolutionize our knowledge of the world's flora and enrich our gardens ten-thousand fold.

In 1772 the Royal Gardens, Kew, sent its first plant collector abroad. His name was Francis Masson, described as one of his majesty's gardeners who was engaged at a yearly salary of about five hundred dollars and expenses not to exceed one thousand dollars per annum. Masson landed at the Cape of Good Hope in 1772 and immediately began collecting. It is recorded that he sent home a profusion of new plants which made Kew superior to every other European botanic garden. Among other things he sent back no fewer than forty-seven species of Pelargonium and scores and scores of new species of Heaths, and bulbous plants by the hundred. These lovers of the sunny south did not find the dark skies of England to their liking. Many, very many, merely lingered for a while and then died. Only the toughest proved equal to the dour, sunless skies of the North.

LOST OPPORTUNITIES

One cannot read about the plant material the pioneer plant hunters in South Africa, and for that matter in Australia, too, won from the wilds and introduced into northern gardens without regretting a thousand times that California and other warm regions of this country had not been settled even as they are today by a cultured people. Had this been so the labors of these pioneers would have been much more permanent and gardens would enjoy a thousand and one plants, which, now lost to cultivation, waste their beauties on desert air and have yet to be reintroduced. It should be remembered that Captain Cook did not discover New South Wales until 1770 and the Eucalypti, Acacias, and Araucarias which today are famous in Cali-

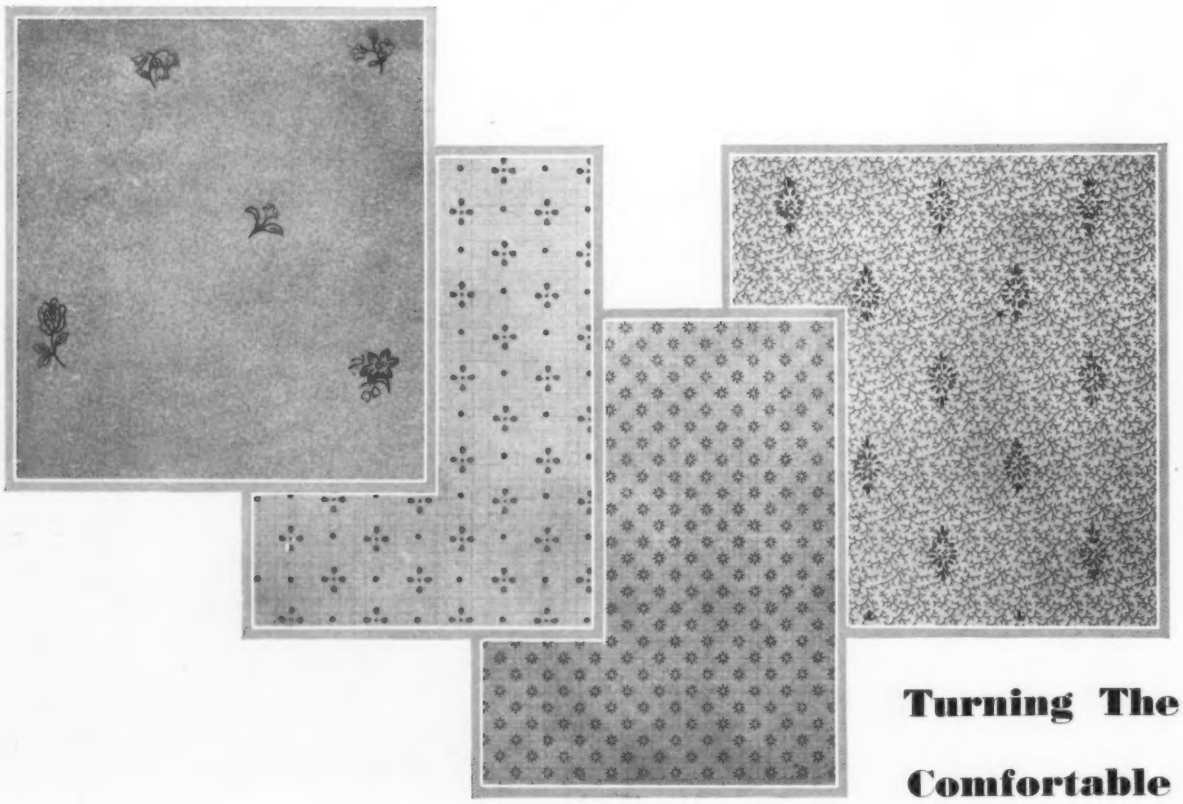
(*Continued on page* 162)

Attic rooms can be made inviting and comfortable with simple furniture and decorations in the country spirit. (Above) An excellent arrangement of furniture under the eaves. Sprigged paper rose, blue, and yellow, curtains blue chintz, bedspreads blue linen. Mrs. George Talmey, decorator

(Below) A gay little attic guest room with wall paper depicting Dickens' characters in yellow, red, green and blue on beige. Woodwork beige, floor dark red, patchwork quilt red and white. Curtains in this room are red and white dotted marquisette. Elizabeth H. Peacock was the decorator

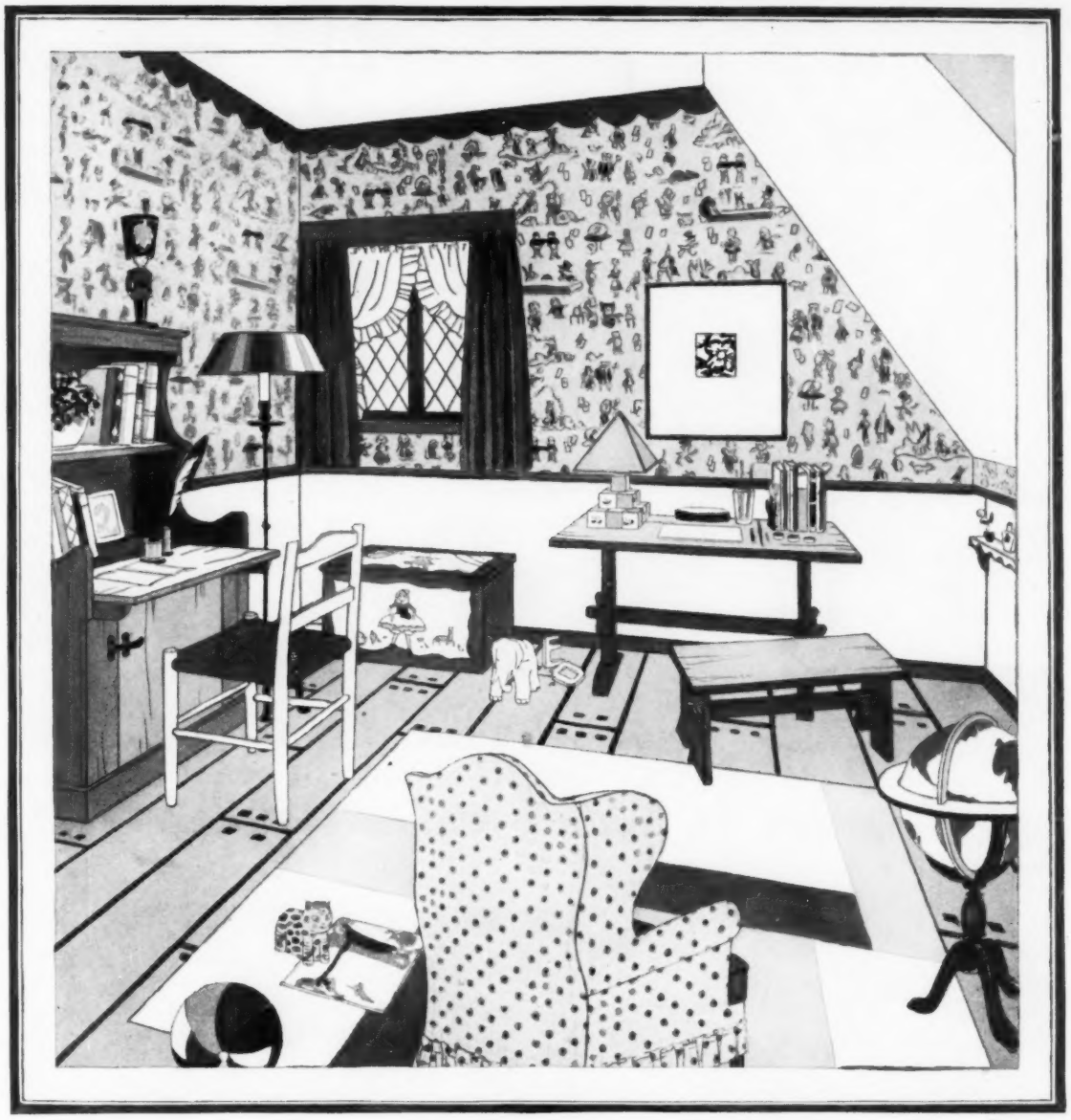
(Left) A colorful attic room in the home of Mrs. Paul G. Thebaud, Nantucket, Mass. has walls, ceiling and woodwork in robin's-egg blue; floor blue spattered in white; rose and cream toile de Jouy curtains. The bedspread is quilted cotton with appliqué flowers. MacAlister & Alvord, the decorators

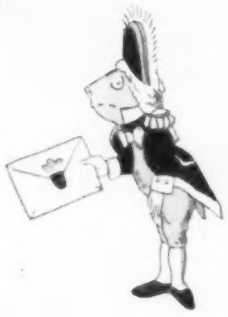
Three Pages Illustrating Ways Of Decorating Rooms Under The Eaves



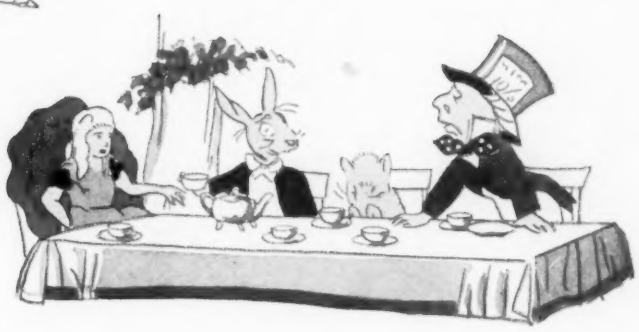
(Above) A suggestion for the usually neglected space under the eaves showing how the portion of an attic accessible to the flue can be furnished as a man's study, with a radio built in under the window. Comfortable seating furniture has durable coverings in red and brown tones; walls white with green trim, the decoration behind the Franklin stove being paper in hunting scenes. (Left) Calico papers for attic rooms. (Left to right) Red and blue on peach; cream with red and blue dots; buff with red stars; two shades of pink on white. Katharine Hartshorne

Turning The Attic Into A Comfortable Man's Study

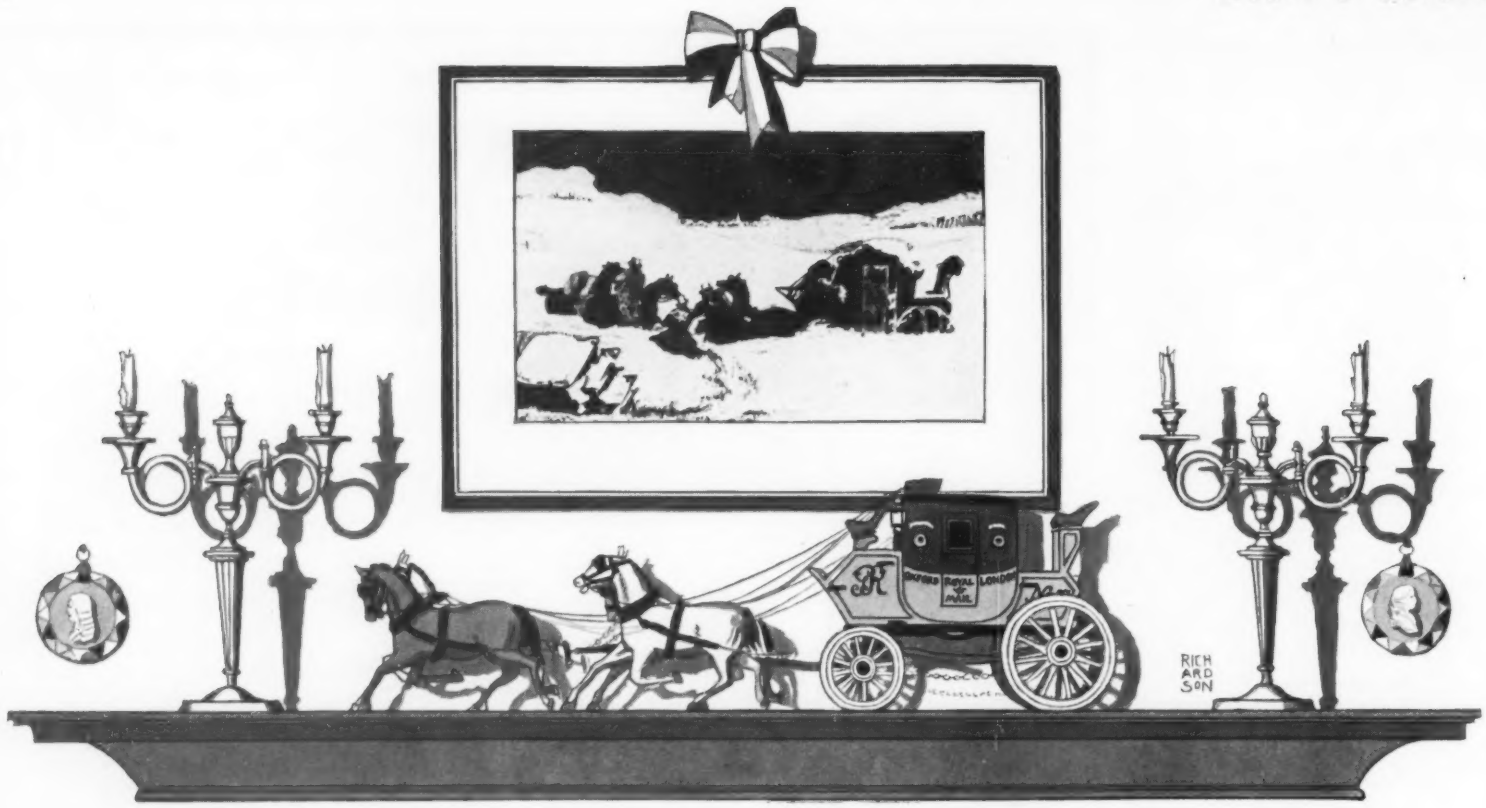




Alice and the Duchess, the famous tea party, Father William and the smiling Cheshire Cat—all the delightful characters of Wonderland depicted in brilliant colors on wall paper for a child's room. (Above) Playroom with paper on flat walls. Dado and ceiling cream, bright blue trim and painted wall valance, blue percale curtains, blue and red slip cover and brown linoleum floor. Child size pine furniture and paper from Childhood. (Left) Detailed drawings of motifs in paper



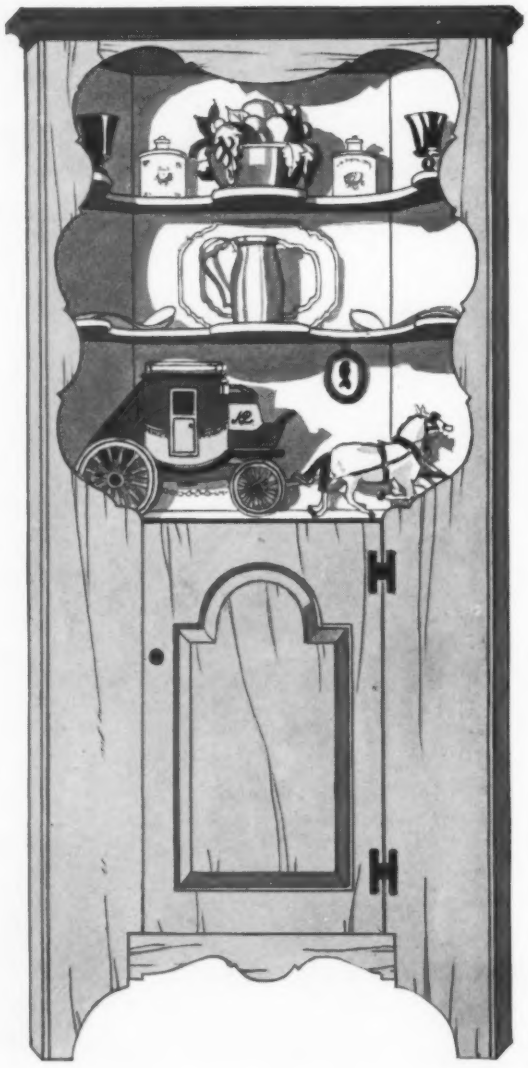
An Alice In Wonderland Play Room At The Top Of The House

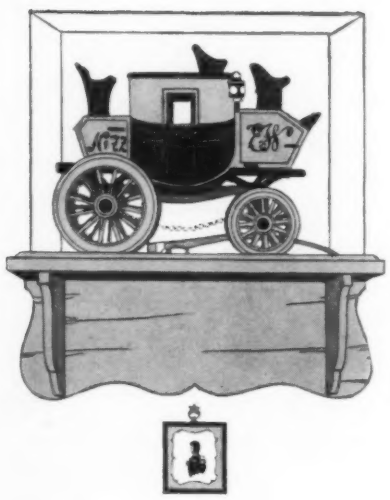


Replicas Of Antique Coaches Enter The Modern Scene

A welcome change from the ship models that have reigned supreme in Early American rooms are miniature reproductions of famous old coaches, available at Stern Brothers. These are hand carved in wood and are remarkably true to the originals in all details

(Top of page) A model of the Greyhound, the Oxford to London mail coach used the latter part of the 18th Century (31 inches long), is painted blue-green and old yellow. An unusual and effective mantel decoration for a library, study or living room





(Extreme left) Resplendent from the crown that tops it to the gilded wheels is the replica of the green and red coach that bore Napoleon to his coronation. (Above) A red and black mail and stage coach of the 18th Century rests on a simple bracket

(Left) The Princeton to Philadelphia mail and stage coach, painted buff and green with black top, is placed to advantage in a corner cupboard of a Colonial living or dining room. This is 23 inches long. Models may be had with or without horses

Aladdin's Lamp Of Legend Becomes A Modern Fact

J. B. Sheriden

THE same principles which have given us radio and will eventually make television practicable are now being harnessed for use in domestic service. An electric eye set to watch your furnace will ring an alarm at sight of the first ominous puff of smoke. Through a word spoken into a microphone you can, without climbing stairs, open or close the louvers that ventilate the attic. By operating a switch you may encircle your home with a network of invisible rays through which no burglar can walk without broadcasting his presence. The apparatus which makes these things possible can be put to use in automatically disposing of a multitude of irksome household chores just as simply as if instructions for their attention were given to that fabled automaton of a mechanistic age—the robot.

The vacuum tube and the microphone—those commonplaces of radio—together with grid glow tubes, photo glow tubes and photo electric cells place at the disposal of the home owner a vast array of safety devices, mechanical servants and entertainment features. These by-products of radio harness the phenomena of the electrons for our benefit; they have given birth to the art and the industry of electronics. They are as applicable to small houses and moderate incomes as to big ones.

THE RADIO TUBE

The story of these developments begins with the vacuum radio tube, with which all are familiar. First made in 1906, the tube in its present form is only a few years old. Without it we would have no radio broadcasting and little or no radio or transcontinental telephoning. Generically the father of the units which make possible the equipment spoken of above, it is actually a rectifier, a converter of alternating current to direct current and DC to AC; it is also an amplifier which builds up feeble currents without distortion. This amplification, using tubes in series, may build up a current to millions of times its original power before the limit is reached. The by-produce tubes of this standard type, which closely resemble the parent in appearance, bring almost undreamed of possibilities to our doors.

In an effort to learn more about this new wizardry I visited the research laboratory of the Westinghouse Electric and Manufacturing Company in the shadow of the lofty KDKA antenna from which America's first general broadcast was made—the election returns of November, 1920. Here I met Dr. Phillips Thomas, who has developed a radio power generator, a generating device that causes lamps to glow as they are moved in the air.

POWER CONTROL

According to Dr. Thomas, electric energy of several thousand kilowatts may be controlled by sound or light; a light of a certain intensity or a particular type of noise will through their effects on given combinations of photo cells or microphones produce a secondary effect which can be practically anything that is desired.

This means that by striking a match or emitting a whistle we may raise or lower awnings or have almost any task performed for us. How luxurious on cold mornings to close windows while still beneath the blankets by merely saying "down, sash; down!" The electric torch becomes a magic wand. The portable microphone or telephone is an Aladdin's lamp of limitless potentiality.

What would the "gold cooks" of Emperor Rudolph, with their astral balsam and cosmic crucibles, think did they watch Dr. Thomas tune in a television receiver, made possible by the photo cell, on one of the programs of picture and sound broadcast by station KDKA? What would Albertus Magnus, that ancient worthy who claimed command of the weather, think did he see a cell in your window illuminate your house as daylight faded into dusk? By the way, if you do employ a relatively inexpensive cell for this purpose there will be no more eye-strain caused by reading in a failing light, and the cell can be made to illuminate your house number just as easily as the living room so that friends calling upon you for the first time and strange delivery boys will locate your home without difficulty.

Photo cells are controlling street traffic lights, counting cars as they pass through tunnels, making possible the transmission of pictures by telegraph and the production of talking films. In sensitivity, at least, these cells are far more efficient than the human eye. Where the latter may be sensitive to only a ten percent increase in illumination, the cell is sensitive to a change of a small fraction of one percent; it is also sensitive to ultra-violet, infra-red and the x-rays, all of which are invisible to us. For this reason the house protected with cells and a network of ultra-violet rays is burglar-proof.

In operation the cell is practically instantaneous; when light falls upon it and voltage is applied free electrons are torn loose from caesium atoms. Caesium covers the cathode. This passage of electrons within the tube, from cathode plate to anode, sets up a weak current that is conducted to an amplifier which builds it up to a strength where it will operate a relay. Relay operation may also be induced by causing the light sensitive caesium to be in shadow. Color filters make the cell responsive only to light of certain hues. Light louvers may be used to shield a cell from all light save beams coming from one direction, so making the cell responsive to only one particular type of light source even during the daytime.

THE MAGI'S CELL

A cell can be adjusted to respond to a slight decrease or increase of direct or reflected light below or above a predetermined point. This sensitivity, together with filters and louvers, makes an almost unlimited number of applications possible. For instance, a cell with a light louver might be mounted in a tree or fence where the headlights of a car turning into the drive would fall upon it, causing, by means of accessory equipment, gates to open, lights to glow along the private drive, entry of house to be illuminated and notice of the arriving guest given to the butler. A cell mounted

(*Continued on page* 146)

Advice On Making The Most Of Porches And Terraces

Elizabeth Hallam Bohn

A NEW YORK decorator said the other day that one of the most alluring phases of her work was the furnishing of the porch. She continued, "The automobile lured us from our drawing rooms and taught us the joy of the open. Now our out-door living rooms reflect both the comfort we demand within doors and the color and vivacity of the glorious sunsets, the burning autumn foliage and the green of country fields which the motor has added to our heritage."

With the extending of informal entertaining and hospitality through this same 20th Century medium, the porch has added to its original excuse for being, the functions of a reception hall and dining room as well as lounge. Steady use and dainty frocks demand that it be always immaculate in spite of dust from countless passing motors, beating rains, driving winds, and destructive sunlight. So out-of-doors housecleaning presents a problem to be taken into consideration when passing through the fascinating aisles where reed and wicker, iron and glazed chintz are displayed in the great shops.

A surprising amount of protection is offered a porch by the use of screens, for not only does the mesh keep out marauding insects but much soot and dust as well. Bronze screening is an economical investment for it never requires painting, and lasts for years without attention, combining the strength of steel with copper's immunity from rust. One of the highly perfected door closers on the outward bound screen door will assure further protection as well as a noiseless closing.

Slatted shades form another type of protection against drafts, glare, wind and rain, and these old time favorites have been highly styled to combine with the gay chintzes and colorful cretonnes of the smartly dressed porch. They are instantly removed or re-hung and have been designed with a no-whip device to prevent annoying flapping. The sun proof colors have a creosote base to preserve the wood and they are often used to give privacy, even where the new tapestry awnings are already adding a charming note of color, decorative with their straight lengths of fabric and spearhead supports.

For the home with even a suggestion of Spanish or Italian blood nothing is more successful as a porch flooring than the glowing charm of colorful tiles. They do not deteriorate when exposed to the weather, are waterproof, wearproof, do not stain easily and will not fade or corrode. As they are not absorbent, they may be easily cleaned with hot water and soap, always retaining their lovely tones and color values. Brick, too, is highly satisfactory for more conservative floors, and the soft blue-gray, pheasant brown, rust or purple of flagstones are particularly appropriate for the sturdy type of house. Where these stone floors develop a dusty surface, treatment with a prepared compound will quickly lay the dust and maintain a smooth and pleasing texture. And who can resist removing the garden dirt, so often carried by thoughtless feet onto the floor of the porch, when a delightful animal foot scraper presents his sharp-edged iron back for our use.

For these substantial floors come a wide variety of appropriate rugs, from the colorful straw mats with bold treatments and vivid designs in imperishable vegetable dyes, through the gold and silver straw motifs to the lovely India lamb's wool and camel's-hair druggets for the more sheltered enclosure.

The dusting—or washing if necessary—of the porch furniture should be part of the daily cleaning schedule. The luxuriously comfortable and smartly designed rocking chaise-longue of rattan or the sofa of woven reed with spring seat construction and cushions of sun and water proofed glazed chintz must always be as spotlessly clean as our indoor furniture. To use on the terrace or in the garden comes a movable chaise of willow, with sheltering awning and soil proof cushions, while a new kind of rattan is offered which may be left out all winter without injury. It is well to find out if possible from the manufacturer what type of preserving finish has been used at the start. A coat of spar varnish applied in the fall will give a waterproof protection, and the pieces will come into service in the spring as fresh and attractive as when new.

Where the veranda is really exposed to the weather the many

(*Continued on page* 150)

Simply yet comfortably furnished, this flagged terrace with its splendid architectural background and massed plant borders is an ideal summer retreat. It leads from a loggia porch which offers protection to those who would avoid the summer sun. The home of Albert M. Swank, Johnstown, Penn. Frank J. Forster, architect

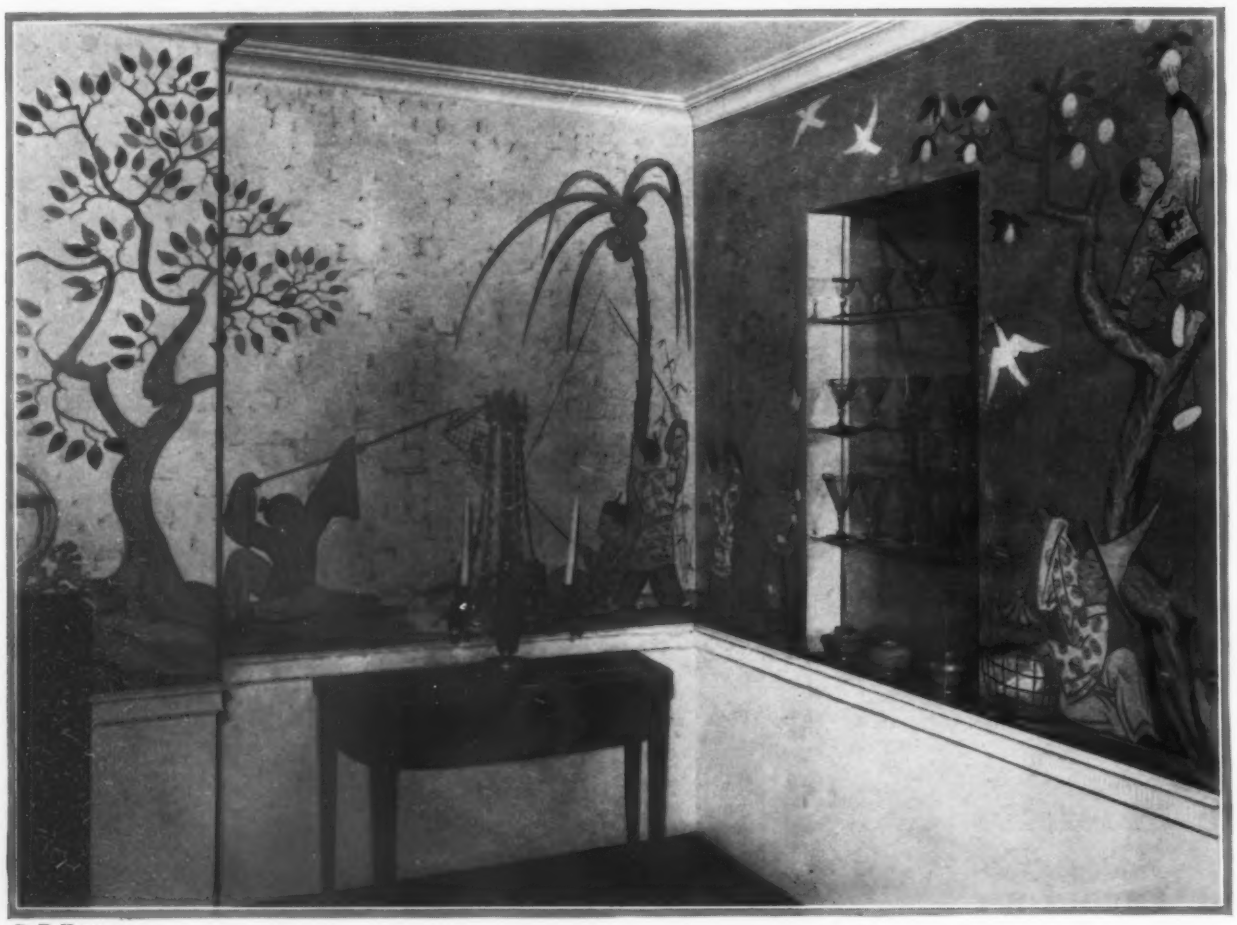
Tebbs & Knell

As a dining room is not really lived in, its walls can have considerable pattern. This treatment appears in the A. H. Galloway residence, Winston-Salem, N. C., where scenic paper and ivory woodwork make a background for English furniture, Oriental rug and crimson valances. Northrop & O'Brien, architects

In the breakfast room of the R. E. Lasater house, Winston-Salem, N. C., a Colonial wall paper in cream, apricot and blue-green establishes the country atmosphere. Wood trim is pinkish cream, curtains blue-green percale and the rug green. Charles Barton Keen was the architect. The W. E. Browne Company decorated both rooms

A Little Portfolio Of Good Interiors

Roy J. Jacoby



R. E. Hanson

R. E. Hanson

A decorative background painted in the Chinoiserie manner by Victor White is easily the outstanding feature of the dining room in the Boston house of Stephen Hurlbut, shown on this and the opposite page. The decorations, painted on canvas, have a ground of silver mixed with enough gold to give light and warmth to the walls. Figures are yellow, orange, vermillion and blues, the whole effect gay and colorful without being restless

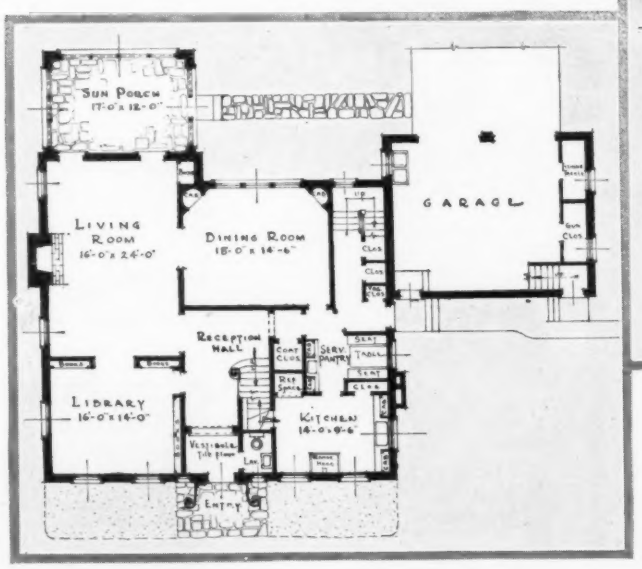
The English furniture is original of the Sheraton period except for the interesting Chinese Chippendale chairs which suggest modern design in their angular lines. The dado is painted grayish white with a marbleized baseboard and the curtains at the long windows opening onto a redeemed backyard are of coppery red silk. On two consoles are 18th Century Russian crystal girandoles with malachite bases. Decorations by The Tower Shop

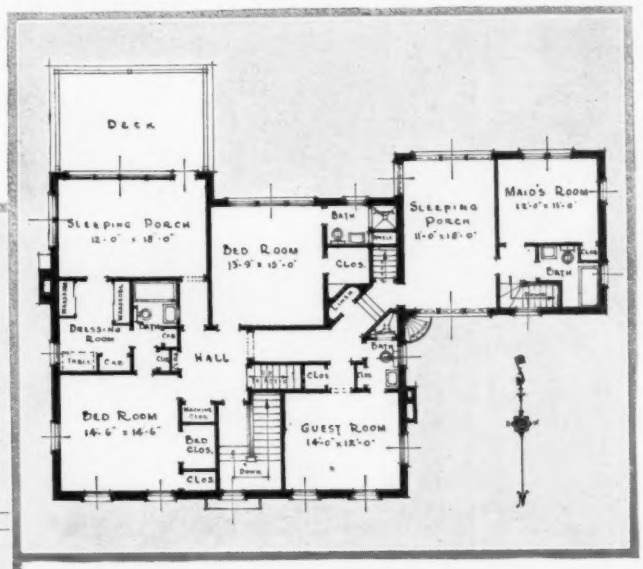
A Boston Dining Room With Chinoiserie Walls

Eidson

In the smaller and medium-size house architectural decoration is usually concentrated at one or two definite points, the entrance door being the chief subject for the designer's skill. A fine example is found in the residence of Dr. Charles M. Aves, at Houston, Texas, where the door frame is surmounted by a broken pediment from which is suspended an iron lantern. The iron is repeated in the graceful curved railings each side of the door. Joseph W. Northrop, Jr., architect

A feature of the design is the handling of the garage. It is placed in a wing and reached from a drive at the rear. From the front one gains no suggestion of this. The residence is of whitewashed brick with the chimneys placed off-center. True Georgian simplicity and dignity are found in the treatment of every detail





The plans of Dr. Aves' residence show many departures from the usual Georgian balanced layout of rooms: the dining room in the rear, the handling of the service stairs, the sleeping porches. The master's suite occupies one side of the upper floor, with two other bedrooms and baths in the main body of the house

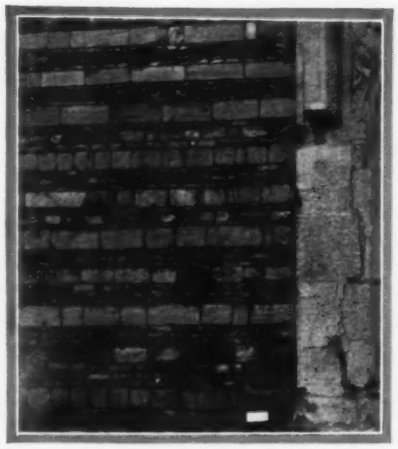
A Colonial Georgian Design Suitably Placed In A Texas Suburban Setting

Foreign Stonework Of Varied Textures

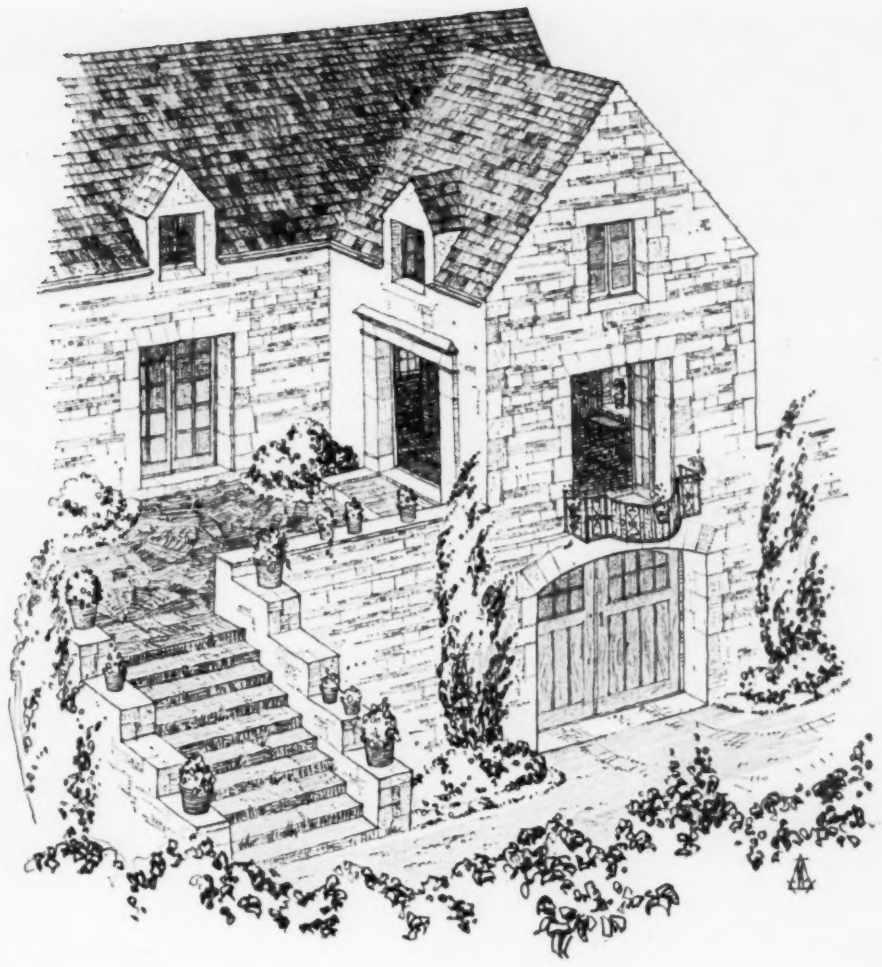
Breton stonework is noteworthy for the introduction of pleasing contrasts, as in this old doorway at Dol. Large horizontal quoins at the door dominate surrounding narrow courses, while the relieving arch of small units snugly squats on the large arch voussoirs. Both wall and the arch treatments have been followed in the house at the left

In a stone wall at Vezelay, Burgundy, mortar has been carried over the irregular face, producing a surface which combines smooth plaster and rough stone. This effect has been procured in the house shown at the left by constructing its walls of stone taken from the scrap heap of a quarry and plastering over joints and irregularities

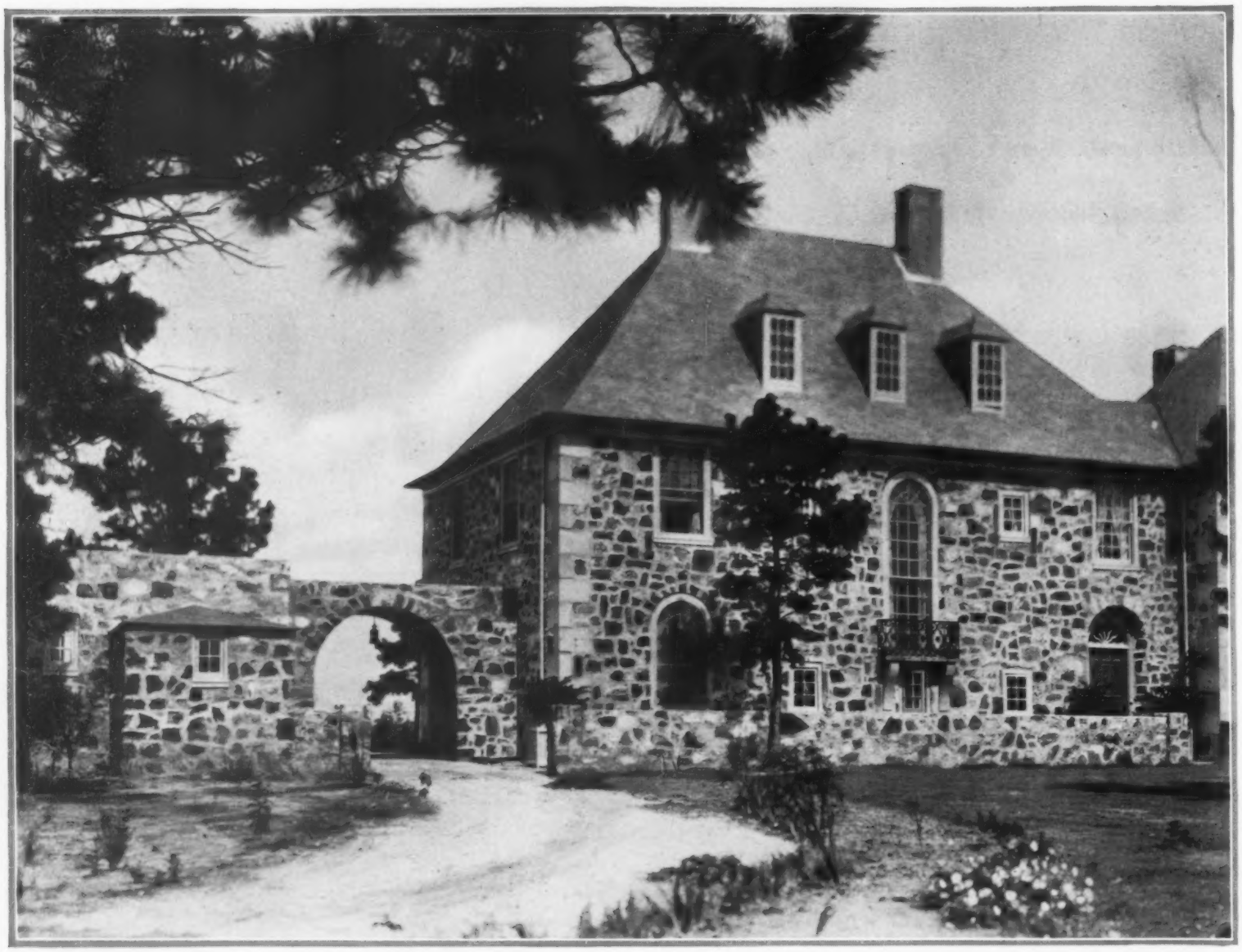
Adapted For Domestic Residence Design

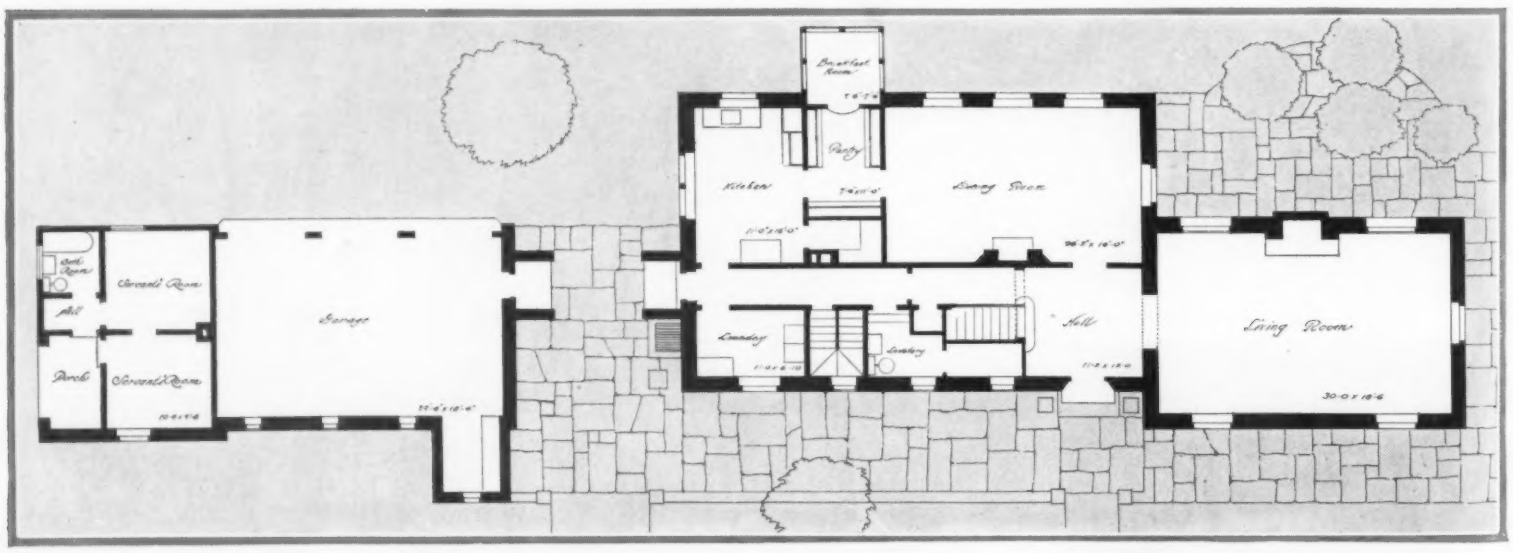


The garden wall at Peterborough Cathedral uses an effective combination of light colored dressed stone with alternate courses of darker bits of odd-sized stone. While both the large and the small units vary considerably in size, all courses are taken through horizontally. This idea has been very appropriately carried out in the house sketched at the right



This detail from a house adjoining Winchester Cathedral contrasts the use of dressed stone with split flints in the interstices. Here ordinary split field stone could be substituted for English flint. The sketch at the right pictures this use for a house of French character. Photographs and drawings illustrated are the work of Gerald K. Geerlings

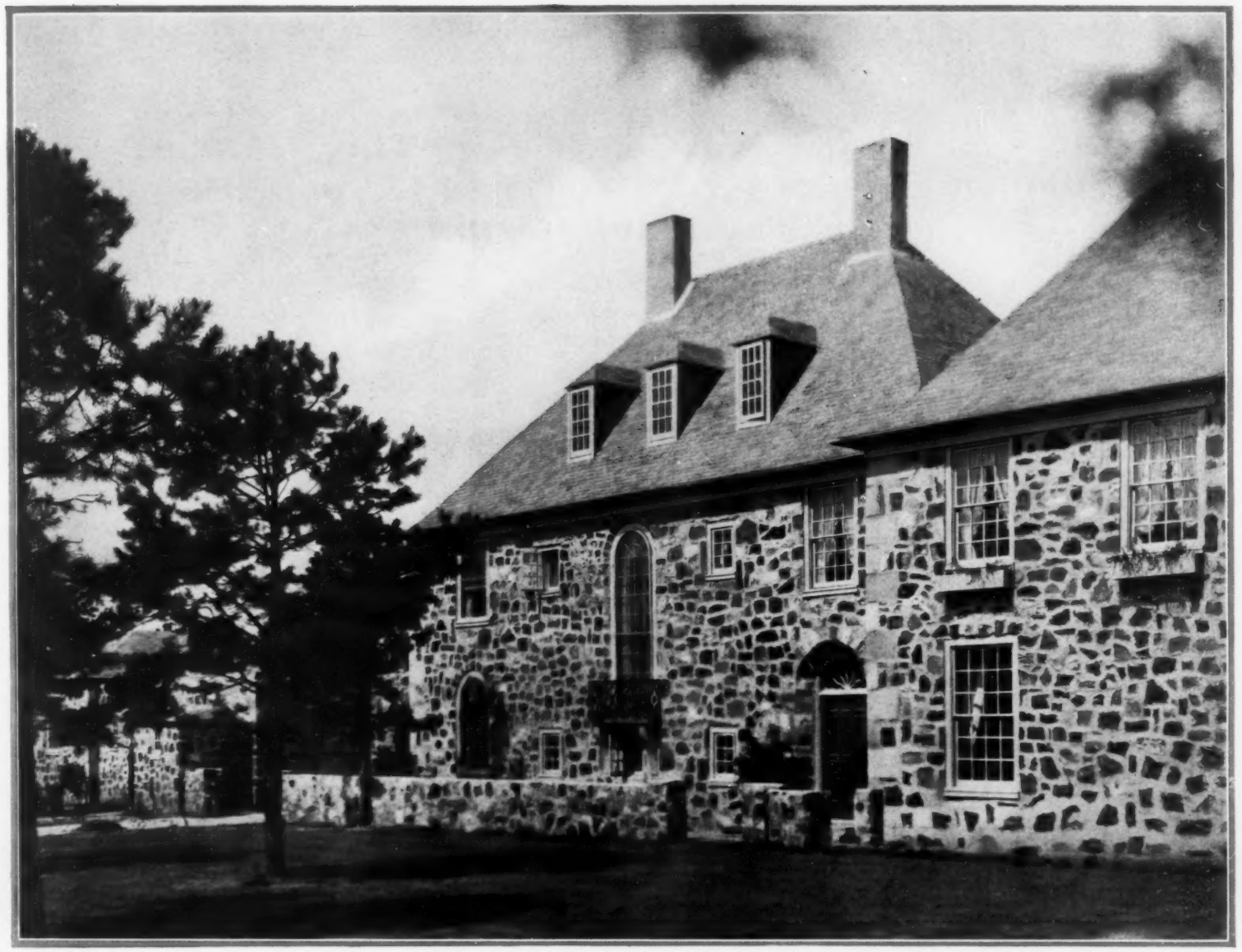


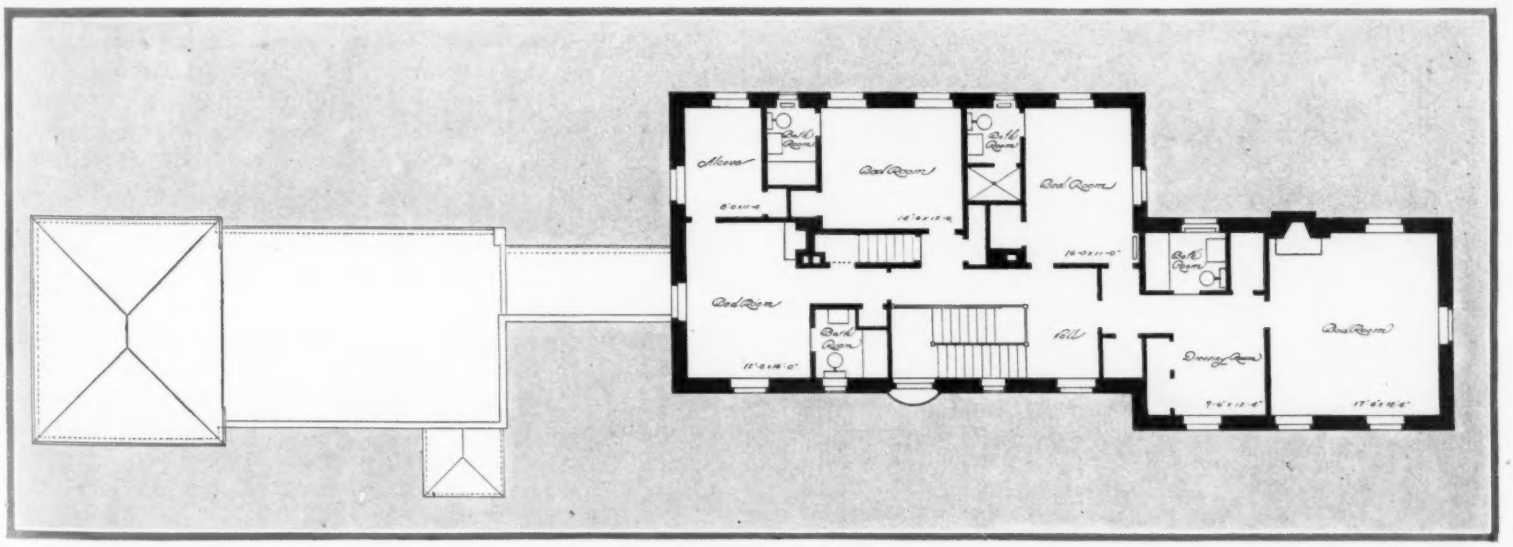


An Arkansas Residence

After The French Type

Long roof lines after the French manner, broken by simple dormers, crown the interestingly textured walls of Mrs. H. M. Bennett's house at Little Rock, Ark. The arch over the garage drive marks a sheltered passage between residence and garage. Here also is located the service entrance to the house. A low wall guards the front terrace. The stair window in the front façade is a distinguished feature. Max F. Mayer, architect





A separately defined unit attached to the main portion of the house contains the living room and, on the second floor, a master's suite of bedroom, dressing room and bath. The dining room is but slightly smaller than the living room. To one side of the pantry which connects the kitchen is a glass-walled breakfast room. Each bedroom has a bath and one, besides the master's room, has a dressing room attached

Field Stone Walls Add Character And Interest

Good Varieties For The Rose Garden Beginner

J. H. Nicolas

EVERYTHING has a beginning, and Rose growing is no exception. The proper commencement of success with it is the right selection not so much of varieties as of classes. This choice has not only to do with climatic conditions but also with the time and care one wishes to give his Roses. If one has but limited time and does not intend to play trained nurse, the selection of such weaklings as Rev. F. Page-Roberts, Mabel Morse, Mme. Alexandre Dreux, etc., or of misbehaving finnikins like Los Angeles, Dame Edith Helen, Talisman, etc., is courting failure and discouragement, even if these varieties were climatically adapted. Unfortunately many of the catalogs, if not misleading, are at least not enlightening; they are intended to sell plants—to whom and where, the vendor does not always care. Wherever the beginner is located, he should first "cut his teeth" on sturdy varieties with constitution, resistance to diseases, and hardiness; varieties that will stand adverse conditions and the mistakes all beginners are apt to make.

Whether the Great War had anything to do with it or not—probably not—at about that time there appeared a weakening of the "everblooming" varieties. Prior to that period, we had the well defined strains, the Hybrid Teas and the Pernetianas.

HYBRID TEAS

The Hybrid Teas technically are Hybrid Perpetuals (the hardy Gallica or Damask Roses crossed with Bengal or Tea) crossed with Tea Rose. This second infusion of Tea blood had not considerably reduced the hardiness of the race and the early Hybrid Teas were nearly as winter resistant as their forbear the Hybrid Perpetual; in fact for many years the strain was not recognized as a distinct class. It did not become a major class until this distinction imposed itself because of the gradual weakening of the race by repeated infusions of the Tea blood and interbreeding at too close range.

The early Pernetianas descended from an alliance between the Hybrid Perpetual and the extremely hardy Austrian Briar, Persian Yellow. For several generations these were regarded merely as close kin of the Hybrid Perpetual because they had retained the hardiness of both parents. But the sin of the father has visited the children, which have inherited the innate weakness of foliage and predisposition to fungous diseases and early defoliation of the Austrian Briar. The first Pernetianas were not very remontant and in an attempt to correct this and at the same time increase the color range, hybridizers began to cross Hybrid Teas with Pernetianas.

A MIXED RACE

The distinction between the two races remained patent for a few generations, mainly in the novelty of shades and the incorrigible weakness of the foliage. Mme. Edouard Herriot and Louise Catherine Breslau are typical of that period. The miscegenation was carried so far that we have now a race of mongrels with blood and defects of both races but few qualities of either beyond a color range previously unknown. It is difficult to draw the genetic line and performance alone can decide which side of the fence they should belong, but for expediency they are all classed by some dealers and breeders as Hybrid Teas.

It looks as if this misclassification had no other reason than to conceal the inherent degeneration of that metis breed: poor constitution, weakness of foliage and its predisposition to diseases, plus lack of winter resistance. Some pundits, while clamoring for truthful descriptions, put forth the monumental alibi of "simplification". Either they have not studied the Roses they grandiloquently describe or do not understand the difference in plant characters and performance between a Hybrid Tea and an Austrian Briar hybrid. Simon pure may be their motives, but they unconsciously withhold from the public valuable information. Instead of helping the public in selecting the proper varieties for its needs, this "simplification" is still further muddling the ink bottle and reviving the old *caveat emptor* feeling.

The beginner—and others who have tried to grow Roses and failed—will do well to limit his activities to the Hybrid Perpetual, the Bengal and some old-fashioned Hybrid Teas, and for the South, the Tea Rose. Where the Tea is winter hardy it is practically immune from leaf trouble.

The Hybrid Perpetual and the Bengal, to which could be added the Bourbon, unfortunately almost vanished from the nursery lists, are winter hardy practically anywhere in America, and strange to say, are very happy in the South. The Bengal is the most prolific bloomer known today, on a par with the Tea, and some Hybrid Perpetuals come near being "perpetual". These two strains will fight and win against odds; they do not require more attention than perennials. They need not be scientifically pruned beyond an annual cleaning of dead or old wood and shortening of long branches, although the quality of blooms may be improved by an intelligent pruning which will be taught by experience. Above all, Roses of these classes, once planted, will stay put. When the beginner has then learned to love Roses and has acquired the rudiments of their culture he can venture with success among more exacting varieties, bearing in mind that the soft pastel shades, in which the yellow of the Austrian Briar is one of the component pigments, are as a rule more difficult to grow than the solid colored varieties.

THE RENAISSANCE

The Renaissance of the hardy, strongly constituted strains has been on for some time and from the novelty producing centers of Europe and America comes encouraging news. We are now working for the neophyte in general and more particularly the inhabitant of the North. A new race, Hardy Shrub Hybrid Tea, is being born by breeding recently discovered hardy species, which will be as near growing themselves as a Lilac or any shrub, yet possessing the continuity of bloom, charm, beauty and adaptability of the true Hybrid Tea. When

(*Continued on page* 170)

James C. Zoll

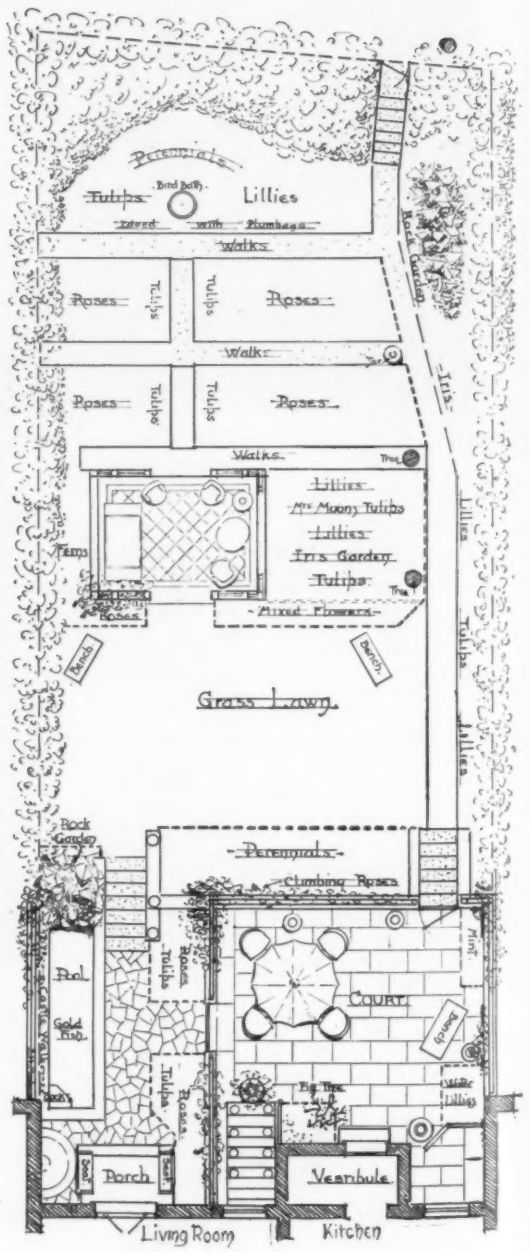
(Above) A background of tall flowering shrubs terminates the upper end of the garden, faced down with Sirene Tulips and early blue Phlox, followed by Columbine, Lilies, Delphinium, shell pink Phlox and others for succession of bloom until autumn. Quantities of Tulips are interplanted with the Roses and a few perennials in the rectangular beds, and a small rock garden is in the left center background. (Right) Looking up the slope from the summer-house to the bird bath. The slope of the ground necessitated special provision for drainage under the cross-walk but enhances the interest of the planting as a whole. It is the garden of Mrs. Parker D. Dix, Baltimore, Md.

A Baltimore Garden On A Slope

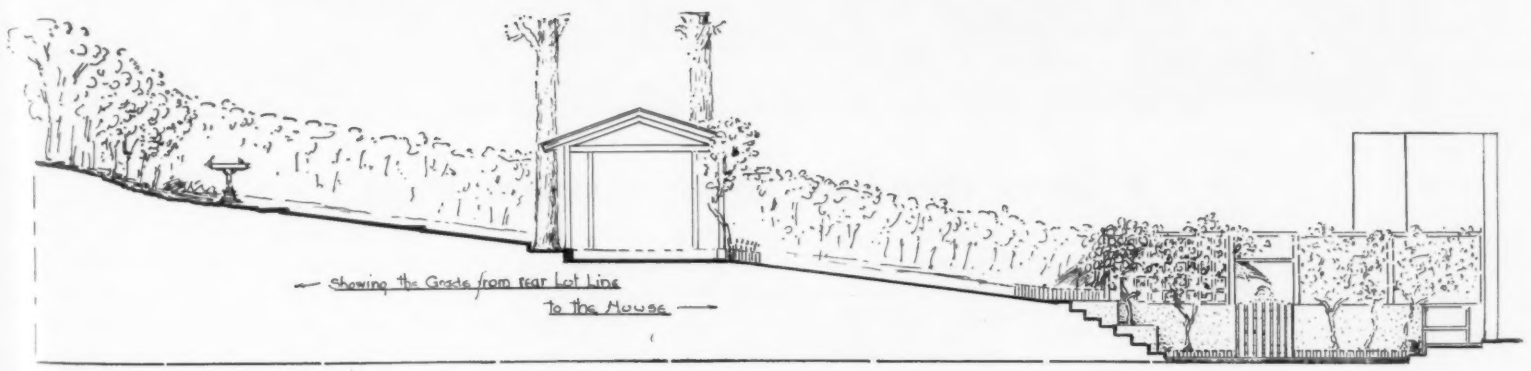
Planned For Privacy In A Well Settled Neighborhood

The summer-house and Rose garden are partly shaded by tall Oak trees, but there is enough sunshine for the welfare of the plants. Within the shelter are tables and chairs for tea or quiet reading in an atmosphere of peace and seclusion

Around the courtyard is a low wall topped by lattice on which grow Mary Wallace and Silver Moon Roses. Boxes located at intervals along the wall contain Nasturtiums, and potted evergreens provide accent points on the paving below them. The gate at the left leads to the long, narrow pool, as shown by the plan at the right



Outside the courtyard a walk and flight of steps lead up to the small lawn which extends to the summer-house. It is to be noted here how well the sense of distance has been retained by providing a clear view back through to the rear property line. The cross-section shown below illustrates the special provisions which the natural grade of the property necessitated. Abrupt terracing has been avoided by retaining the general slope. The area represented is ninety feet long and forty wide



Tebbs & Knell

A New Orleans Rear Garden Pool

Water in some form—either a pool or a narrow canal—can create pleasant interest on the small city or suburban place. Here it is well achieved in the rear garden of the home of E. B. Benjamin in New Orleans. M. H. Goldstein, architect

Worthy Strawberry Kinds For Home Gardens

M. G. Kains

AFTER you have eaten all you desired of luscious, home grown, really ripe, freshly gathered Strawberries smothered in sugar and drowned in rich cream have you ever felt inclined to question Dr. Boteler's remark that "doubtless God could have made a better berry, but doubtless God never did"? If you have you are prejudiced!

If old Dr. Boteler could return and sample the choicest home grown Strawberries of to-day the "doubtless" would have even less doubt in it! Even within my own memory the improvement has been so astonishing that were it possible to bring back the haloed berries of my boyhood I would pass them by and choose the 20th Century kinds! I make this statement in all seriousness, for at one time or another I have tested more than four hundred of the more recent varieties out of the something like two thousand kinds introduced by nurserymen during the past century.

Though perhaps two hundred of this immense list have for a time played leading rôles in American gardening probably less than fifty are to-day to be found on the garden stage. But, oh, how wonderful they are! How well they play their parts! Among them what a range of adaptability!

COMMERCIAL KINDS

Because of their prolificacy, fair size, good color and firm texture some are specially fitted for commercial plantings. Almost without exception, however, they are of inferior flavor even when ripened under most favorable conditions. This they cannot be allowed to do in commercial plantings because they would most likely break down in transit and be unsalable when they reach market a hundred or a thousand miles away. So they become poorer in quality with each succeeding hour.

When we select varieties to plant in our home gardens we will pass by these commercial kinds; for what we demand first, last and all the time in the varieties we grow is high quality both in flavor and texture. With these varieties as fundamentals we can allow the fruit to become fully ripe and thus develop the extra size, the higher color and the delicious fragrance that only the really mature Strawberry attains.

From our own gardens we cannot count on more than two or at most three weeks with any one of the regular or early summer varieties. Among these, fortunately, are kinds that ripen very early, others very late, with many that come between. So by choosing several varieties which ripen successionally we may have berries ripen with more or less overlapping for three, four and sometimes even five weeks, though during dry seasons these latter periods are reached only with the aid of irrigation.

BEST OF ALL

Of all varieties I have ever grown my first choice for a home garden would be the Premier. I consider it the best all-around kind because its plants are remarkably robust and resistant to disease. They also thrive better than most other kinds on light soils.

Premier is one of the earliest to ripen and is certainly the finest in quality of all the early ones; its quality is equalled by only the choicest of the best. Unlike other early kinds it has a long season of ripening and maintains the large size of its berries from first to last. With me one season it continued for three weeks without irrigation and, in spite of dry weather, the last berries were large and fine, whereas those of mid and late season kinds in adjacent rows were more or less failures. The reason is that the Premier roots are so long and sturdy that they get moisture lower in the ground than most other kinds.

With the exception of Chesapeake its flowers are the nearest frost proof of any kind I have ever grown. Even if the earliest blossoms are killed the plant bears so profusely that the later ones generally escape and assure a liberal yield.

Where a second early kind is wanted, Cooper is a good one to choose because of its vigor and its high quality fruit which is somewhat larger than that of Premier, but since it begins to ripen only a few days later it usually does not extend the Premier season. Its place may better be taken by a midseason kind where the available ground is limited. Moreover, the plants are less adaptable than those of Premier, especially where the soil is inclined to be wet.

For a midseason variety which will begin to ripen during the latter part of the Premier season and continue until the latest kinds start Big Joe (also known as Johnson, Joe and Joe Johnson) is eminent. The plants, which are vigorous, healthy and prolific, do well on all soils and bear an abundance of large, attractive berries at a time when the early kinds are beginning to fail. No other midseason variety I have grown compares with it.

Among the late varieties are three of outstanding high quality. Of these William Belt is the most adaptable and is my first choice. The plants are robust and the berries large but rather irregular in form. They begin to ripen about the close of the Big Joe period and continue a week or ten days later, and also somewhat later in the season than do those of Chesapeake.

CHESAPEAKE TRAITS

Chesapeake is a highly desirable late variety with healthy foliage. Its flowers bloom much later than other varieties of its season and therefore escape damage by frosts which come while these other kinds are in bloom. This is one of the strongest reasons for having it as a running mate with Premier. The plants are highly productive and maintain the large size of their firm, handsome berries well through their season. They, however, are finicky as to soil. So I suggest that you try Chesapeake only experimentally at first to determine how it behaves in your soil. Whether light or heavy, the soil must be fertile. The variety is so excellent, however, that it deserves a trial in every home garden.

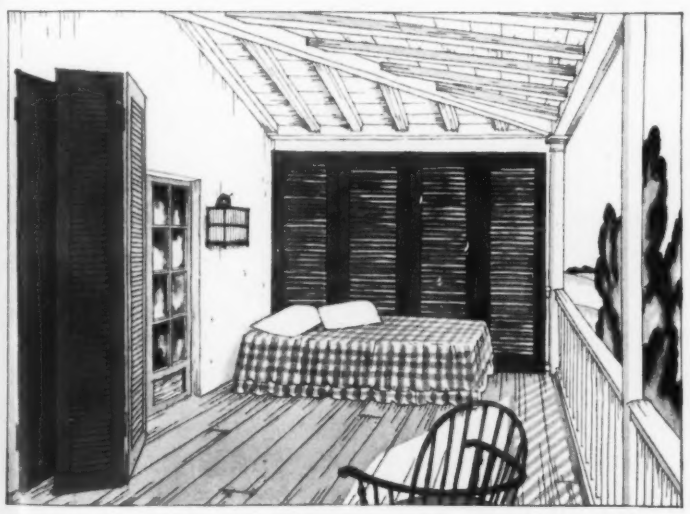
Big Late is the equal of Premier in health and vigor of plants. Its fruits are exceptionally handsome, of high quality and good form *when properly pollinated*. Here-

(*Continued on page* 168)

Paul J. Weber

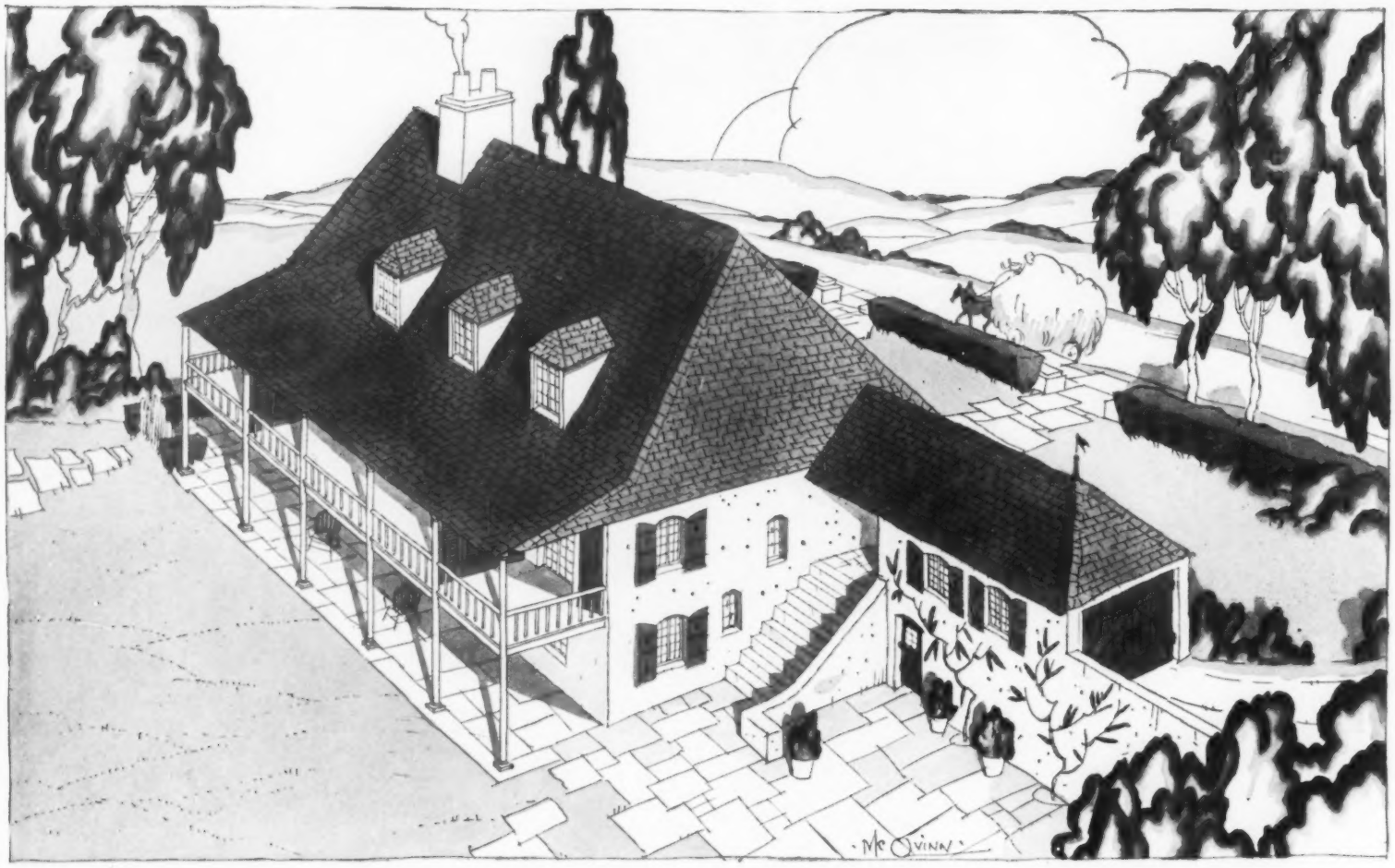
The strong colors and vivid geometrical designs of Navajo rugs which exclude their use from many kinds of rooms make them eminently usable in summer camps where the primitive air is desired. In this camp at Lake Asquam, belonging to W. E. Schrafft, they have been used both for wall and floor decoration. And their tints of gray, white and red harmonize well with the peeled logs stained a warm yellow, the wide beveled pine boards of the wainscot, the wall board panels between the logs, the rough stone fireplace and the sand-colored tables and chairs. Melvin Pratt Spalding was the architect

Indians And The Primitive Style Of Summer Camp Decoration



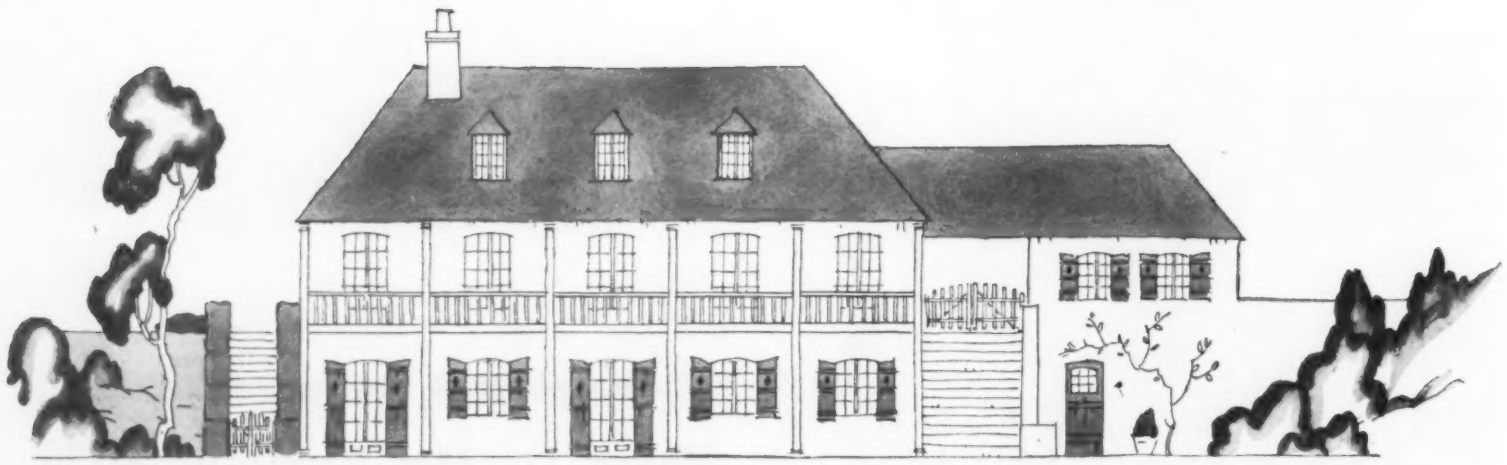
On this and the succeeding two pages are designs for a summer home in the habitant manner of Montreal and Quebec, created by Robert McQuinn. The rooms would be finished with whitewashed walls and exposed beams and ceiling boards. French provincial furniture would carry out the native spirit. Above is the living room which opens on the rear gallery; below it a corner bedroom with a draped provincial bed; and to the left a corner of the porch screened with jalousies

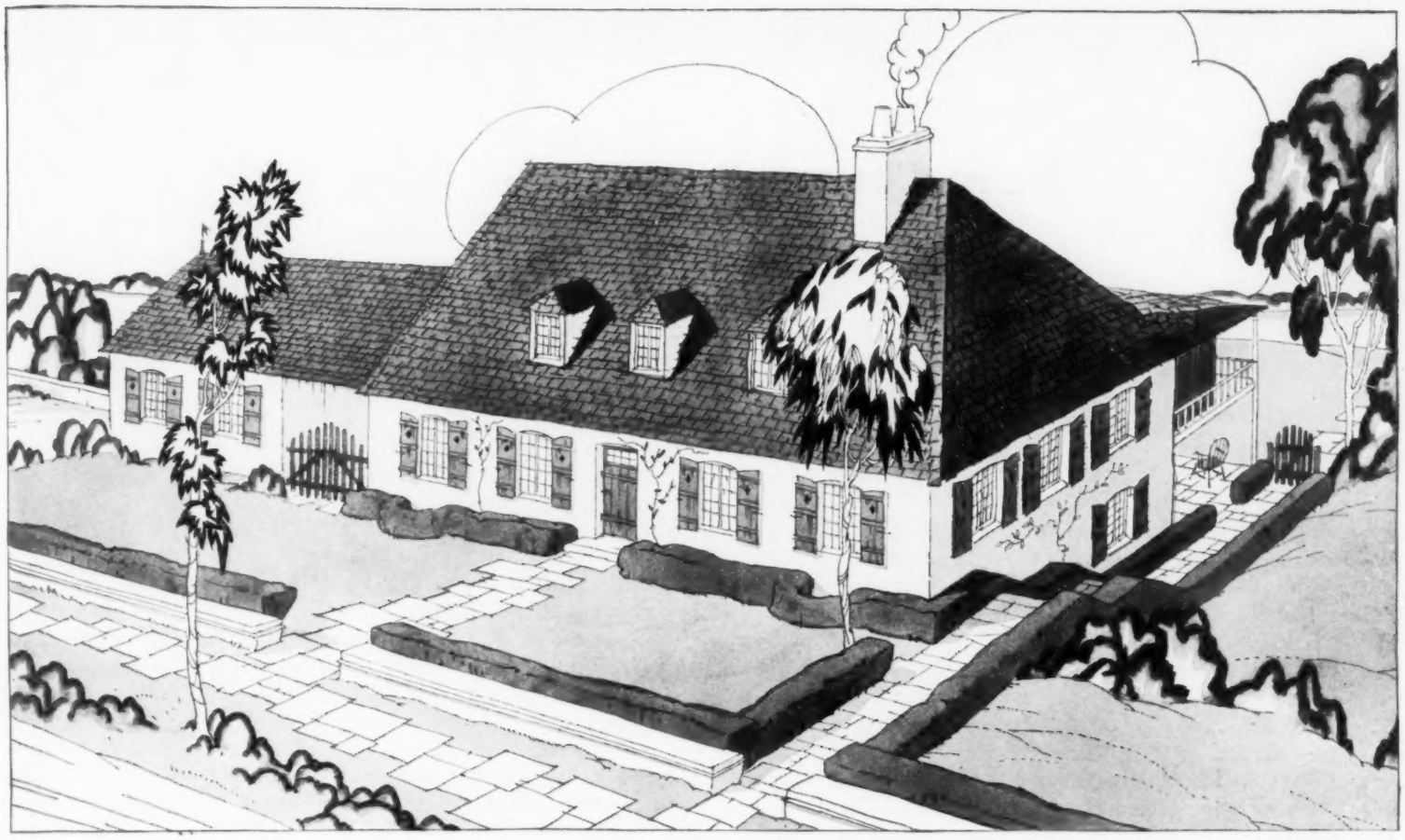
Suggested Rooms For A House Of The Habitant Style



A Country House Inspired By The Habitant Homes Of Canada

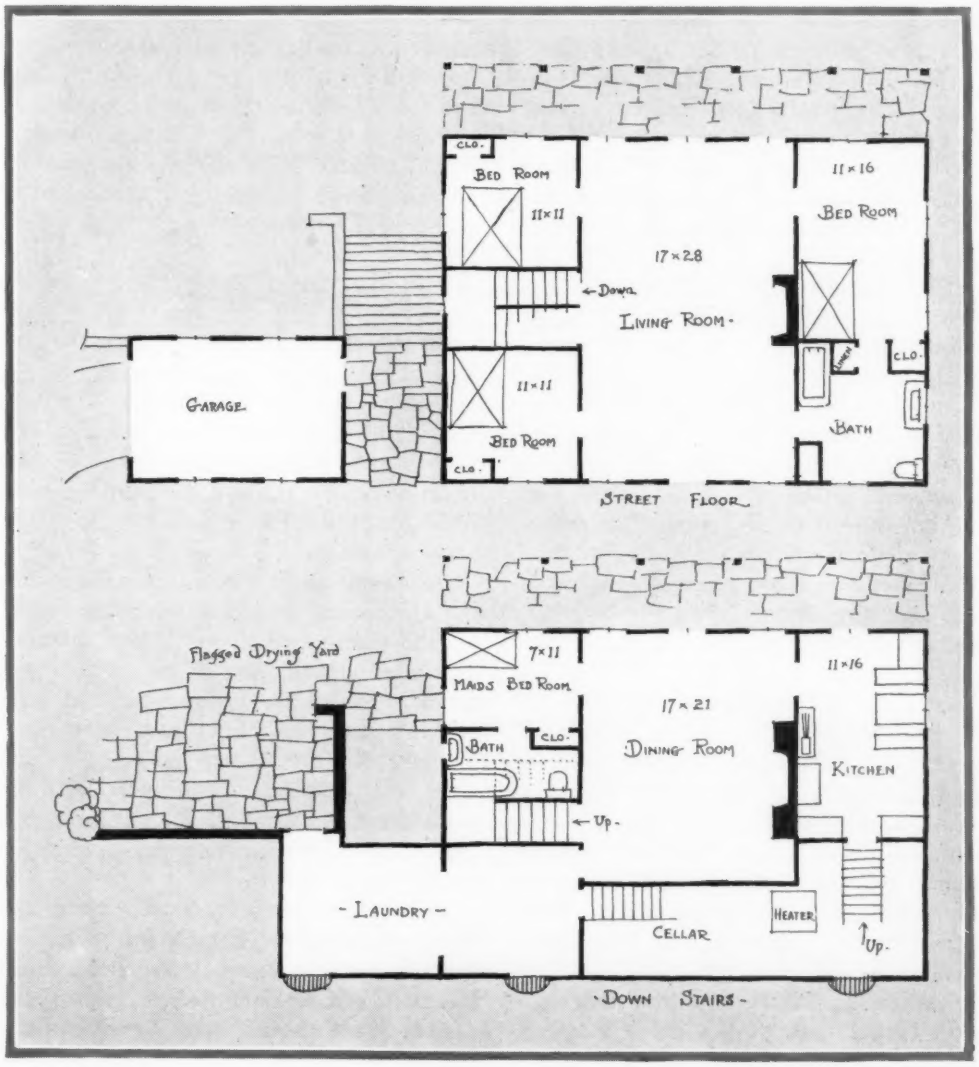
The site suggested for this house falls rather sharply from the road, allowing the living quarters and three bedrooms and bath to be on the street level. The house is one story in front and two in the rear. The rear porch roof has the contour of the eaves typical of these houses. The exterior would be stone or stucco whitewashed, and a roof of dark slate. The habitant goes in for color, so the walls could be painted bright red with bright blue or green windows, doors and shutters. In the windows of unused rooms French Canadians hang blue paper. Or the outside woodwork could be merely stained brown. In habitant houses the interior beamed ceilings are whitewashed, or stained brown or painted blue. Doors often are stained brown





On the street side the roof line is carried on a lower level to cover the garage and connecting passage. This garage, being built on the side of the hill, has two stories in the rear, the lower room a laundry with a door opening on a flagged drying yard. Steps lead from the covered passage to the lower terrace. A side entrance gives easy access to the kitchen. These designs by Robert McQuinn

On the lower floor, which is partly excavated into the hill, are dining room, kitchen and maid's quarters. These open on the lower terrace. On the street floor above is a house-depth living room with bedrooms and a bath. Stairs lead to the lower floor and also up to an attic, lighted by dormer windows typical of habitant houses, which might easily accommodate additional sleeping rooms and another bath



New Conveniences For The House And Its Equipment

Gayne T. K. Norton

ONE of the pleasant experiences of having wealth is in being able to handle it now and again. Do you remember your first bank book? Often we have occasion to refer to a life or a fire insurance policy, a bond or a deed but, being prudent, we must visit the safe deposit vault to do so. It would be more convenient to have our valuables within easy reach—and more satisfying.

The only trouble is, if jewels and papers are kept in the house, they may be within reach of others and are endangered by fire. Wills seem to have a special faculty for getting lost. Then there is the stamp or coin collection, the abstract of title and other documents. If these are held in the house they must be under guard.

An Ohio firm offers a solution. It is a rugged little strong box, blue velvet lined, that may be easily and quickly installed in the frame or masonry wall of any home, and entirely concealed from sight if desired. In this wall safe valuables are at once secure and handy.

The exterior is finished in green lacquer or a textured mahogany. Fittings include a combination lock, handle and dial of polished steel, nickel plated. A dead air space at ends, top and bottom, and double door lined with asbestos afford great heat resistance. The space required is 8 inches high, 12 wide, 5 deep. It is a comforting little pocket to have around, providing, as it does, an excellent repository for heirlooms, birth certificates, family records and such important but uninteresting things as inventory lists and mortgages.

A SUPER-ALLOY

A product of modern alchemists, already being presented in such diverse forms as sinks, mirrors, trim, tableware, flashings, dentures, freezers, pen points, window frames, golf irons, cutlery, pipe, saucepans, automobile parts, ash trays, moldings, bathroom fittings, hardware and hypodermic needles, is the new nirosta. This alloy of chromium, nickel and iron that partakes of the nature of a noble metal is, when polished, proof against the corrosive action of water, atmosphere and acid.

Stronger than carbon steel, it may be drawn to a wire one-thousandth of an inch in diameter or made into porch furniture. The material, also called dimondite and widia, takes and holds a mirror finish, superior to anything obtainable with glass, which is untarnishable under all atmospheric conditions; it is also given a silver matte finish that is very attractive.

Its possibilities for decorative treatment in ceilings, as trim, light fixtures and fittings of all kinds, are almost unlimited. It is heatproof, not readily dented, easily cleaned, absolutely sanitary and the surface never wears off. King of stainless steels, this new metal for modern day requirements costs less than many of the materials in common use for which it may be substituted. And so easily is it worked that almost any sheet metal contractor could quickly produce anything from a gleaming drain board to a rust-proof laundry chute.

FOLDING FURNITURE

Architects have said: "We want the convenience and space-saving advantages of the fold-away dining set for our more expensive work, too. Why not give us this idea in a design that will harmonize with the best made-to-order furniture and that will seem to belong in the house in the most dignified architectural style?"

So it came about that houses without dining alcoves and breakfast rooms may have all the comfort of these popular features. Just a bit of wall space or even a door will serve as an anchor for benches and table which fold up flat. No cabinet is necessary. If there is a breakfast room one of these units greatly adds to its usefulness. Between meal times the space may be utilized as a children's playroom, nursery, sewing or ironing room or den.

While offered in several styles, the model architects asked for is most interesting. A grandfather's clock, a secretary and a drop-leaf table, of Colonial influence, inspired the design. Made of gum with an early American walnut finish, the most distinguishing feature is the backs on the benches which fold down on the seats. This unit is finding its way into sunrooms for use at breakfast and tea times.

This dining set is suited to old as well as new homes. Table and seats fold quietly and easily by a patented mechanism which is simple and dependable. A space 24 inches wide is needed, with a floor area in front of it at least 50 inches wide and 47 inches deep. If used, the built-in or recessed cabinet to match the set will fit easily into the ordinary 4″ stud wall.

INTERIOR HARDWARE

In design and finish as well as in mechanical perfection some of the new escutcheons and lock sets for interior doors are fully two generations removed from those we used in 1915. Long, narrow and gracefully curved, they are offered in many varieties of materials and patterns. Dull bronze oxidized and relieved, nickel plate sanded with raised ornament polished, antique copper and imitation half polished iron are samples of what may be obtained. Indeed, the hardware of today well merits the term, jewelry of the home. Of course all the various styles of residential architecture are reflected in the pieces.

Escutcheons combine in one plate holes for key and for spindle to which knobs are attached, so avoiding the loss of appearance and inconvenience of attaching separate plates for the dress spindle and key holes. Secure attachment is positively assured as the holes provided for the screws are located far enough above the knob and below the keyhole to permit the screws to penetrate into the solid wood of the door above and below the lock case.

Perhaps most important, both the knobs and the spindle are threaded so that, no matter how thin or thick the door may be, knobs will always fit snugly against the escutcheon on either side without necessitating the use of washers. With the knobs screwed up tight on both sides, the whole set becomes both rattle and crack-proof.

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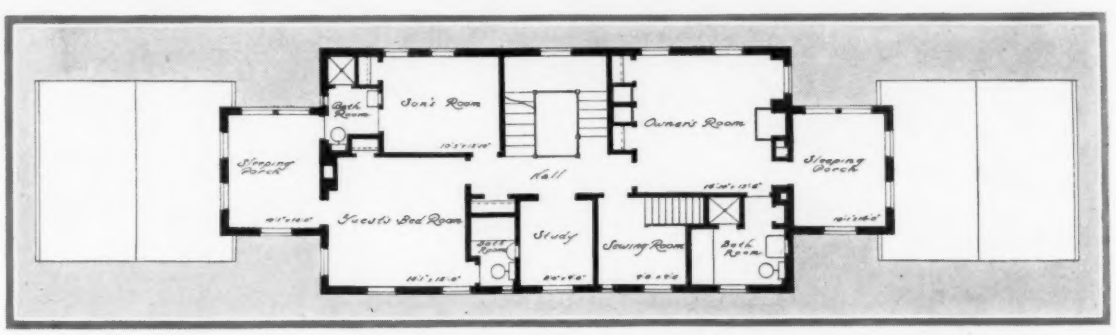
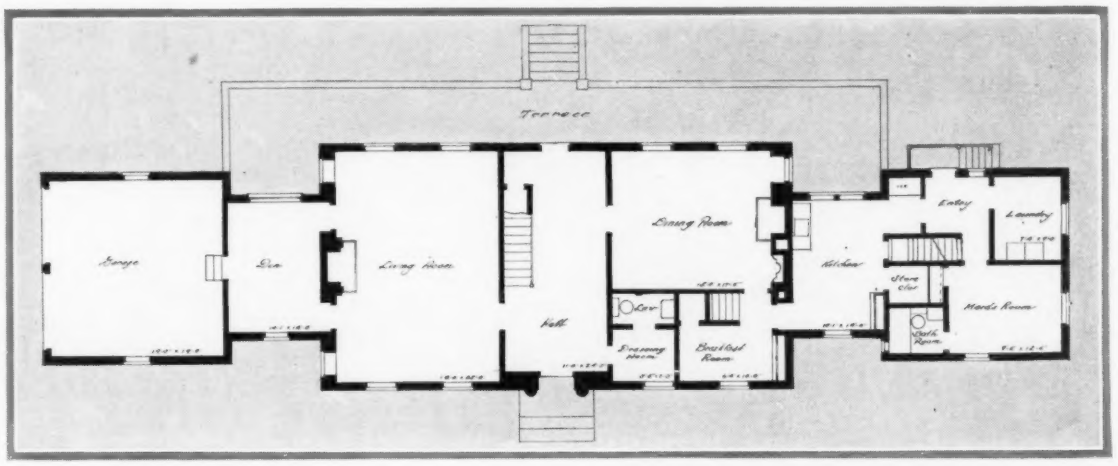
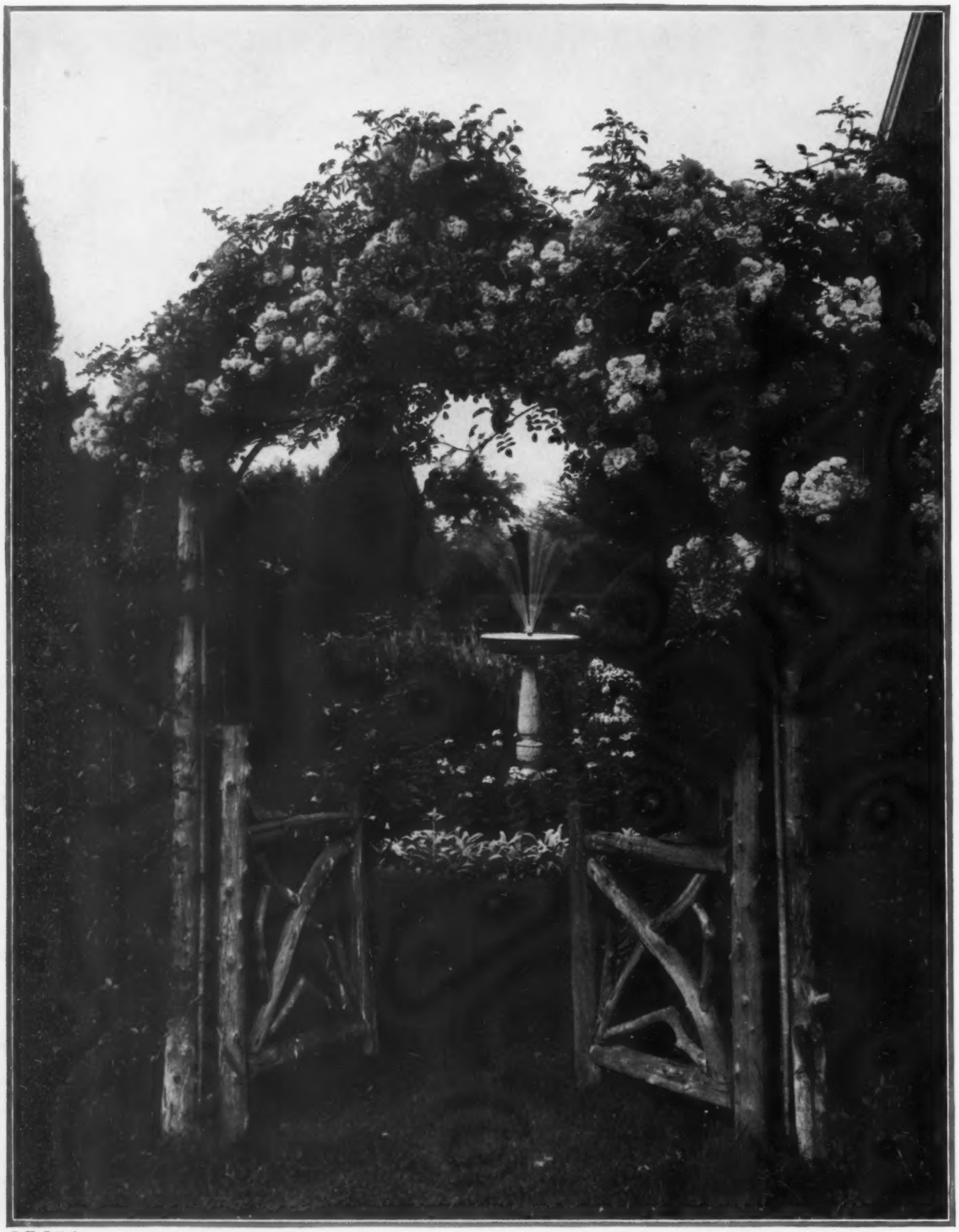




Although a perfectly balanced façade usually connotes extreme formality of design, this residence has escaped such characterization by a rather unusual handling of adjoining wings. While a pleasing sense of formality is apparent, this aspect has been held in judicious restraint. The plan of the main portion of the house is of the familiar central hall type. On the first floor the living room occupies the space to the left of the hall, and a dining room and a breakfast room the space to the right. The left hand wing houses a den and the garage while the right hand one contains kitchen and service rooms. The second floor is made up of three bedrooms, each with connecting bath, a sewing room, study and two sleeping porches. The Edge Hill, Arkansas, residence of Dr. James I. Scarborough. Max F. Mayer, architect

Symmetrical Design In A Whitewashed Brick House



S. H. Gottscho

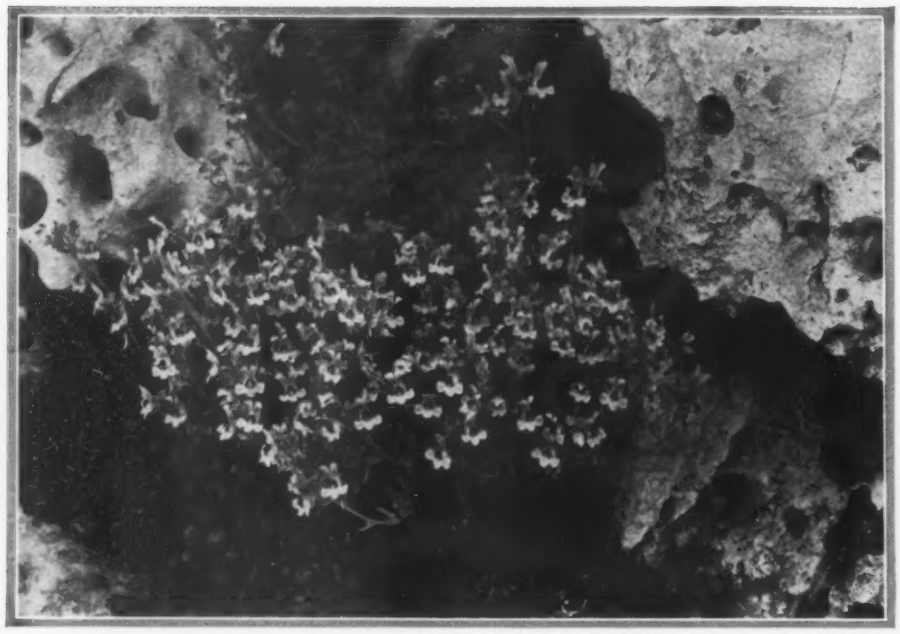
Many-Flowered Climbing Roses

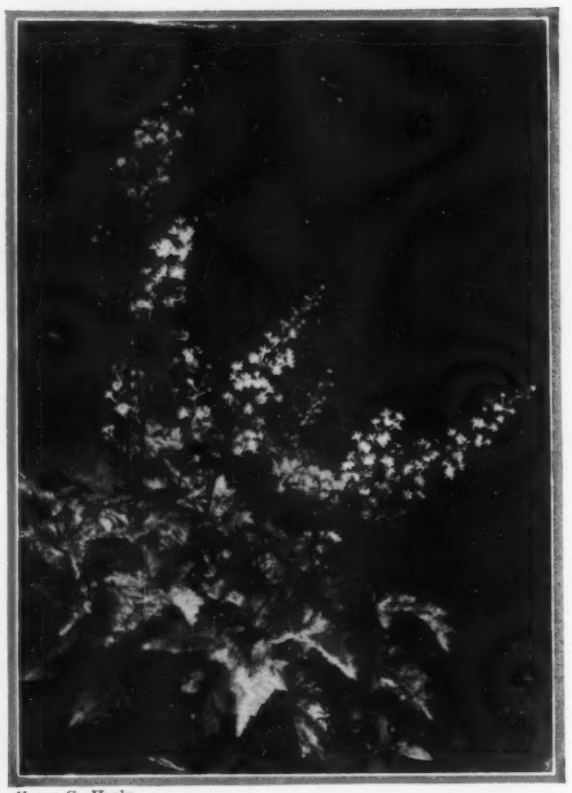
Of the many-flowered types of Climbing Roses, Dorothy Perkins still remains a favorite. Flung across a rustic arbor, it gives abundant flowering in June. Excelsa, Tausendschön, Chaplin's Pink, Ile de France are equally desirable varieties of multiflora climbers. From the garden of Mrs. Theron G. Strong, Southampton, L. I.

Harry G. Healy

Success with dry wall gardening depends on two factors—the way the stones are laid and the plants themselves. The wall should be slightly canted back, but whether canted or straight, the stones must be laid sloping down from the face of the wall to lead moisture to the roots of the plants. Soil pockets are made here and there and the space back of the wall filled with good loam. Into these pockets can be planted Pinks, Creeping Phloxes, Arabis, Alyssums, Armeria, Iris Tectorum, Thymes, Creeping Veronicas, Saxifrages, Violas, and Sempervivums. Over the top can sprawl, as shown in this garden of F. L. Wurzburg, at Bronxville, N. Y. such worthy shrubs as Barberry, Cotoneasters and Forsythia suspensa

When A Dry Stone Wall Is Made To Spill Its Flood Of Blossoms





Harry G. Healy

Give it a cool, rather damp and rich situation, and Astilbe simplicifolia will lift pale, fringey blossom plumes above a turf of dark, beautifully glossy, indented leaves. It is a perfect miniature replica of the tall-growing kinds

(Top, left) Most good alpines are perennial, but an exception is found in Linaria alpina, a biennial. Its small blossoms are a hot violet blotched with orange—a brilliant if miniature show. Sow it where it is to grow

(Center) Another excellent little creeping Linaria is pallida, covering the ground snugly with lovely foliage and fairly large, fragrant flowers of pure lavender. It is quite well adapted to the limitations of a small rock garden

Haberlia rhodopensis, a small cousin of the well known greenhouse Gloxinia, likes a vertical crevice with a cool northern exposure where it can be wedged securely in good leafmold well mixed with peat and a little sand

The Opportunities Of Small Rock Gardens

Louise Beebe Wilder

A GREAT gardener once wrote, "A small, trim garden, like a sonnet, may contain the very soul of beauty. A small garden may be as truly admirable as a perfect song or painting."

John Sedding was not thinking of rock gardens when he wrote the foregoing, but he might well have been, for the small rock garden offers opportunity for a very special kind of perfection. Most of us are too prone to the obsession that size, particularly where gardens and flowers are concerned, has more than a little to do with beauty and excellence, and we think that if our space is limited so also must be our achievement along these lines. As a matter of fact, the builder of a little rock garden, even though the time he may give to its care be extremely limited, should feel that he has opportunity in the hollow of his hand—opportunity to create something perfect in its way and rich in interest.

I do not at all mean to imply that this may be done, as the prestidigitator would say, with a simple twist of the wrist. Far from it. To give our bit of frankly unnatural natural scenery a look of authenticity and reality, to arrange and construct it so that it will not appear alien to its surroundings, requires considerable vision and ingenuity. But it is nevertheless possible to bring about very plausible results in almost any situation. The stones used are of the utmost importance. Each stone that is to show should be of fine form and color, for each must play a credible as well as a thoroughly creditable part in the little scene.

While the chief function of any rock garden is to provide a happy place of residence for a collection of choice small plants, and they must ever be the first consideration, still the stones are, so to speak, the bony structure of the garden and no amount of lovely flesh, represented by the plants and their flowers, will hide the defects of

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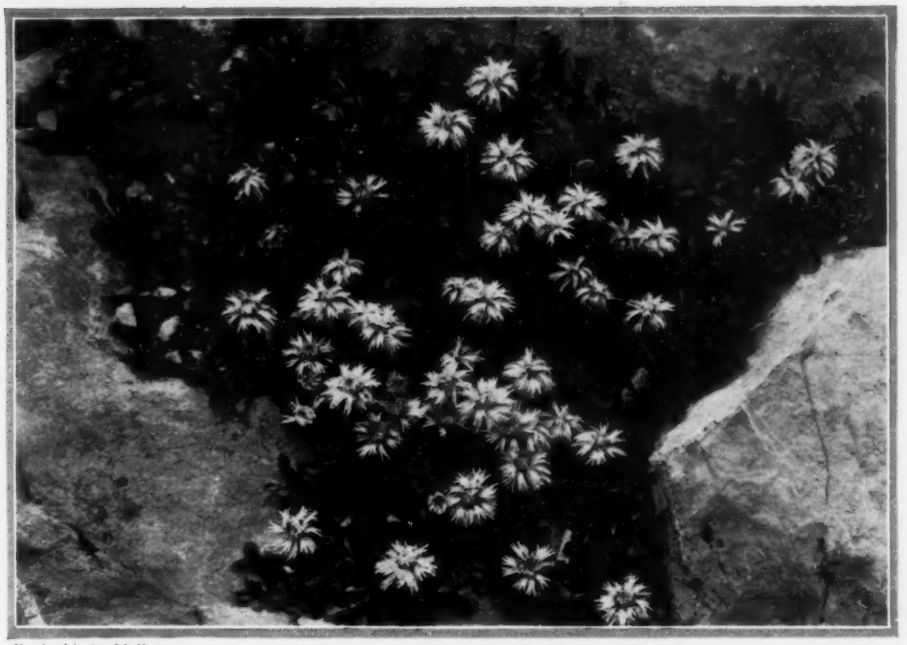
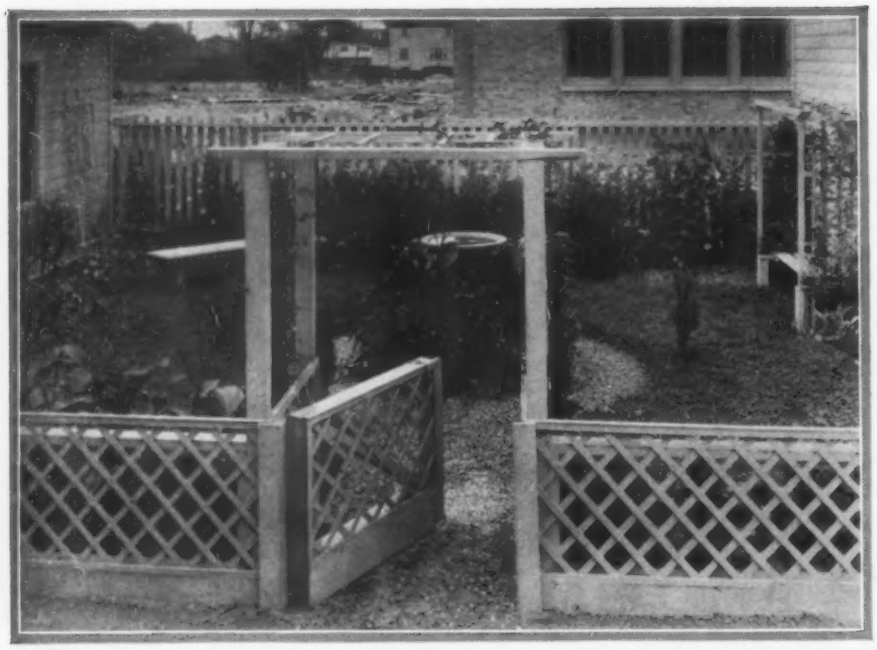


Reginald A. Malby

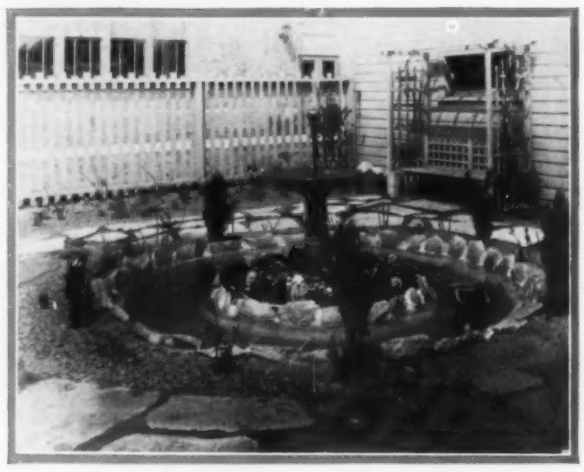
Among the very small and neat alpines is Globularia bellidifolia, forming a close cover of dark, very small leaves and blue blossoms. Loam, humus, lime and a little sand please it, and it likes a stony southern slope

Like the Haberlias, Ramondia pyrenaica is a tufty small gem that enjoys a cool, vertical crevice and considerable shade. It is a wholly charming thing and delights in strong loam mixed with humus and a little sand

Purple, fringey, drooping blossoms lifted well above roundish leaves, Soldanella montana is a joyful small beauty when given the conditions which it likes. Mrs. Wilder always grows it in a cool, deep soil and sunlight



Rawleigh



THE FIRST YEAR

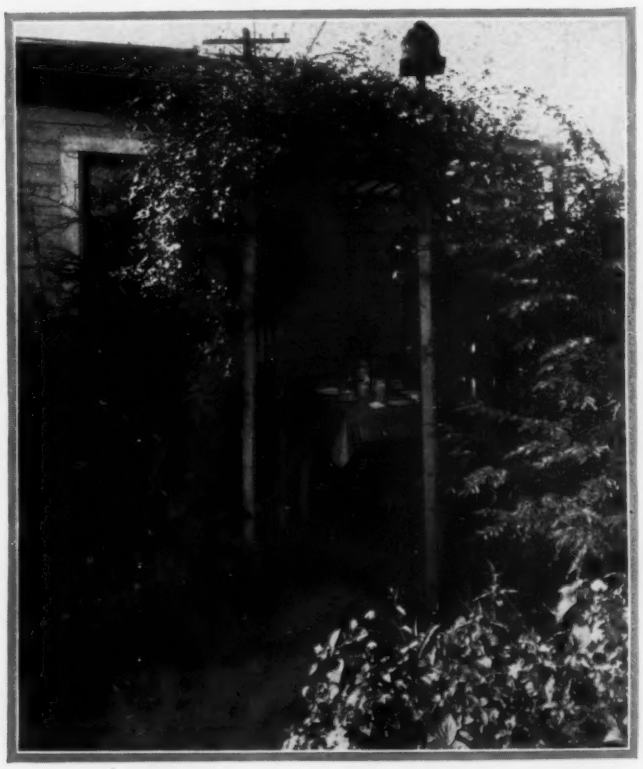
In many a suburb and town are found the problems that confronted this owner—how to make much out of little, how to gain a sense of privacy in the open, how to create the semblance and reality of diverse interests in a small garden. The first year's work consisted in fencing the property and planting vines, in dividing the garden into two rooms by the use of a low fence and arbor, and by sketching in the general layout of paths and beds

SECOND YEAR

The following season the pool was dug and bordered with stones, a small rockery for damp-loving ferns built around the base of the fountain and the stone paths laid to afford permanent footing. These two years saw the design of the garden evolved. Planting then commenced

THIRD YEAR

By the third June arbors and fences were fully clothed with the abundant growth of climbing Roses, the approach to the garden was filled with healthy perennials and the borders edged with low growing annuals. Next year will find the shrubs, vines and perennials reaching maturity



A Small Buffalo Backyard Which Grew Into a Garden Of Abundance

THE FINISHED GARDEN

The garden of Ernest J. Rawleigh at Buffalo, N. Y., incidentally the worthy object of a recent prize, is a splendid example of what intelligence, love for flowers and persistent labor can create from an unpromising backyard. In four years its owner made an outdoor living room which was screened sufficiently from passersby; he laid out a simple design in which every inch of space would contribute its share of bloom and leafage; by the proper selection of varieties he enjoys a succession of flowering from the first spring days to the last of autumn, and in this small space he has contrived to make enough garden work to fill his leisure hours. He has even found a corner in which to embower a dining table, so that this garden can constantly be enjoyed through the summer months. This evolution represents a gradual investment which brings in rich dividends of beauty and health. The photographs of this garden evolution were made by Mr. Rawleigh. Marie P. Hill wrote the captions

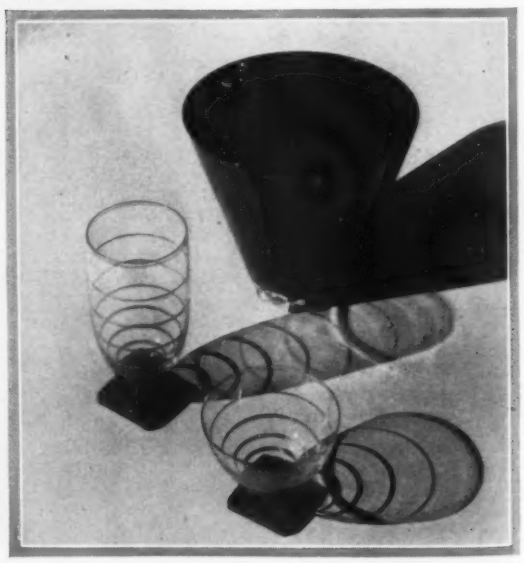
Dana B. Merrill

(Left) This table is covered with a silvery gray damask cloth from Mosse. Plates and compotes black Fostoria glass. Service plates and glasses with black bases, Lord & Taylor; butter plates and compotiers, Macy. Chromium plated candelabra and fruit cups, Rena Rosenthal

(Left) The centerpiece is a graceful modern bowl in chromium plate, standing on a round black glass plaque. From Rena Rosenthal. It is heaped with fruit made of silvered glass from Stewart. Below at the left is an effective fluted vase of heavy black Fostoria glass. Altman

(Below) Well designed and moderately priced Fostoria glass effective for a black and gold table. Glasses with narrow gold lines and black bases in all the wanted sizes from Macy's. The graceful flower vase of black glass has a narrow gold base. From B. Altman & Company

For A Black And Silver Table



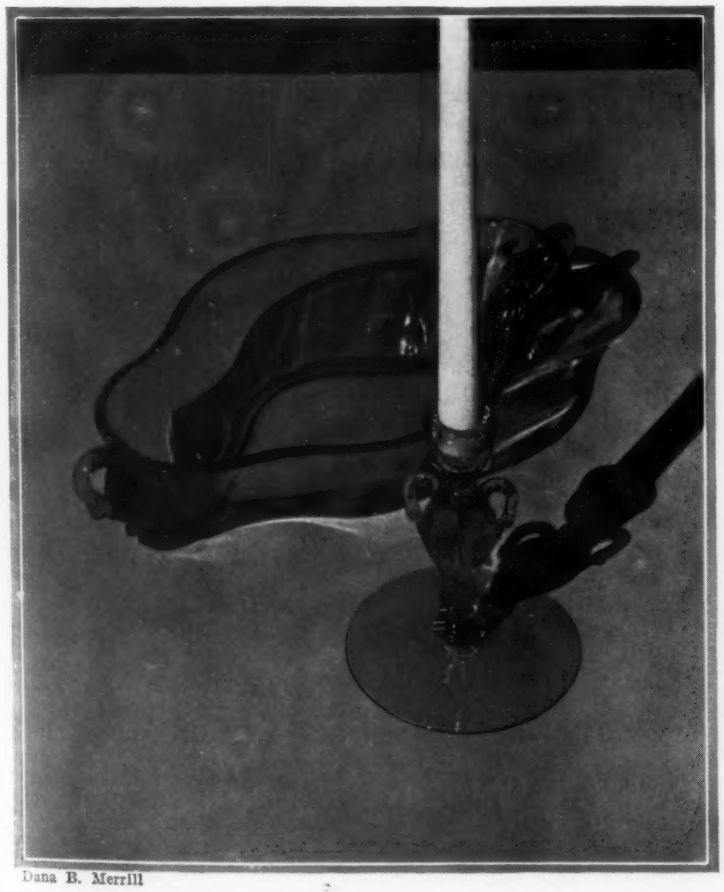
(Above) Interesting glasses for a black and white table. (Left to right) Seneca glass with black scalloped foot. German glass with horizontal stripes in black, gray and white. Both from Macy's. Lalique goblet with black decorations on stem. Stern Brothers

Below is moderately priced Heisey glassware particularly suitable for a country house on account of its pleasing colors. The bowl and candlestick illustrated, with graceful swan handles, may be had in crystal, green, pink, amethyst or amber. From Stern Bros.

(Right) Steuben crystal candlestick and goblet with delicate engraved design and unusual pierced stem. From Stewart. The Venetian bubble glass shown in the upper portion of the picture, imported by Carbone, is a lovely bluish green. From Wanamaker's

(Below, right) Swedish glass charmingly delicate in design and texture. The bowl, part of an open stock pattern, is engraved with stars and crescent moons. Stern's. The plate, with its tiny cupids blowing bubbles on a cloud, is from Countess Sparre

Glass From Many Lands For Country House Use



Dana B. Merrill

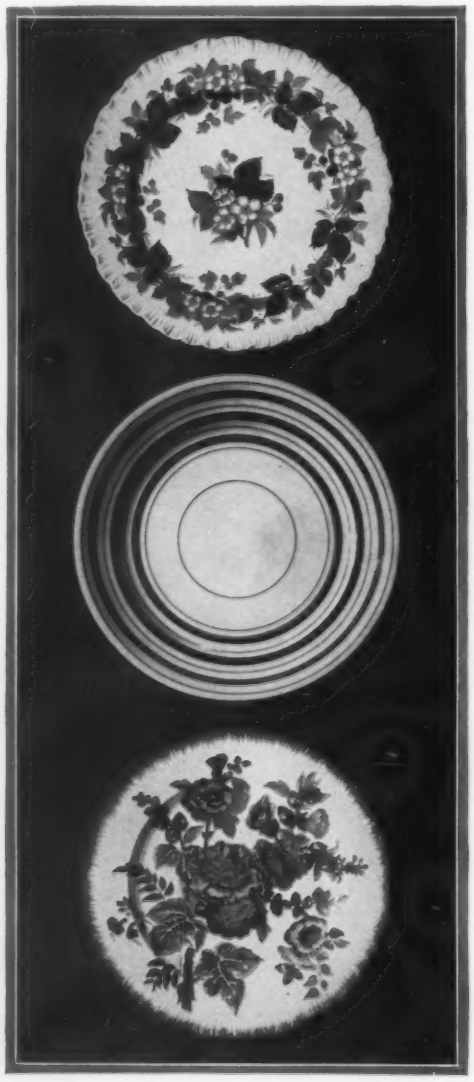
(Below) Black Knight plate, multi-colored wreath on cream ground, Ovington. (Center) Italian pottery imported by Carbone, yellow ground, flowers in soft colors, Mrs. Wiltbank. (Bottom) Black Knight green on cream, Ovington

(Extreme left) Swedish pottery with its clear, soft colors and simple, refreshing patterns is an excellent choice for the country house. This design has slightly modernized floral motifs in bluish green on white. The pieces shown are part of a dinner service available at Wanamaker's

(Left) Gay and very colorful is this white Wedgwood pottery decorated with wreaths of multi-colored flowers in high relief. It would be both suitable and effective on an outdoor table used in connection with pale pink or yellow table linen. Open stock pattern from Plummer

(Below) Wedgwood plate in rose pattern, mauve, plum and green on cream, Macy's. (Center) Italian pottery imported by Carbone, red, green and blue stripes, Mrs. Wiltbank (Bottom) Wedgwood, pinks and yellows, Plummer

Dana B. Merrill



Summer China Is Brightly Colored

The Spode china shown above is especially adapted to country use as on each piece is a picturesque farm scene. The colors used are mainly bright greens, red and tans on a white background accented by narrow black lines. Open stock design from Wm. H. Plummer & Company

Pale blue glass is particularly lovely with 18th Century silver and a fragile lace table cloth. Above is a new Steuben glass flower bowl in a decorative blue and milk-white openwork pattern suggesting lace. It comes from Altman and may also be obtained in pink and white and in pale green and white

(Right) This table is covered with fine embroidered net. Service plates of silver lustre china, (shown below), pale blue Venetian glass and Georgian silver complete a dignified scheme. The centerpiece is a mirrored plaque on which float delicate crystal swans. Plaque, Jones & Erwin; swans, Mayhew Shop

At the far right is the Wedgwood plate used on the table above. It has a white center and silver lustre border ornamented with a grape vine design picked out in white, Macy's. The Spode dessert plate suggests an old-fashioned valentine with its delicate, lace-like border and moss rose. Courtesy Rich & Fisher

(Right) Tiny sailing ships made entirely of sparkling glass with gossamer-like rigging, and hulls and banners in brilliant blue and red, make an engaging table decoration if placed on a mirrored plaque. From Buchwalter. The well-designed blue Venetian glass candlestick is available at Benello & Pillori

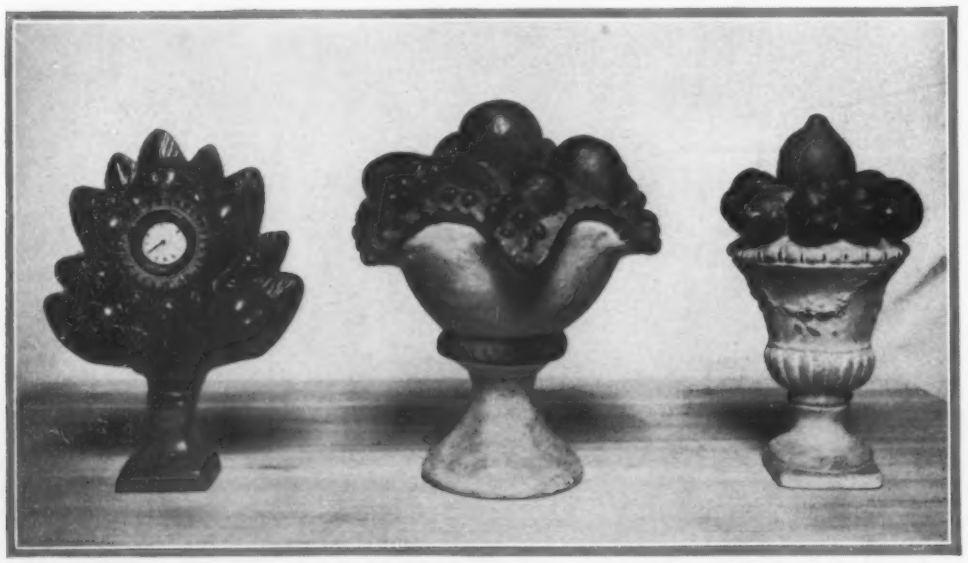
The Blue And Silver Table

Dana B. Merrill

18th Century Cottage Ornaments For Collectors Of Americana

Mr. and Mrs. G. Glen Gould

This elaborate plaster clock was considered the height of the plaster modeler's art. Every cottage mantel aspired toward something of the same nature. The dogs have for some time past had a vogue among collectors. A spaniel is to the left of the clock and a poodle at the right



Formally arranged bouquets, with or without a clock or watch pocket, overflowing fruit dishes and ceremonious urns were for 18th Century homes of some pretension. Lemons, oranges and bananas were strange, exotic fruits to the northern states, hence the extensive use of their replicas in such decorative groups

The plaster deer above seems the forerunner of our own modern decorative animal figures. The small squirrel to the left and the love-birds below are more typical of the inexpensive cottage ornament of the last century

FOLK lore is at last coming to our very house doors. Formerly we gazed with dream-filled eyes to the Norselands, Central Europe, the Balkans, and even farther afield when we sought to trace links between the daily life of "the people" and what they used, and said, and sung. But to-day we turn our eyes backward on our own Colonial days and find much good material for contemplation. Even in the Federal era rich treasure still awaits investigation. But it comes to us rather as a surprise that, in the days we call Victorian, there is considerable matter of this sort not to be neglected.

Just as American cottages of the mid-19th Century are being refurbished for delightful and comfortable out-of-town living, so their typical furnishings of contemporary decades are gaining keener attention. The normal outcome of this attention is collecting. Cup plates and stuff of such genera do not fill the list. Surprises are constantly occurring, though we have yet to see a collection of antimacassars, or even of footstools.

Ornaments of thin plaster—some collectors call them chalk—touched up with a little color, sometimes scantily, sometimes liberally, were among the things most readily available for the embellishment of humble homes, and often were the first adventures into the realm of the ornamental for those with humble purses. Their indebtedness to Staffordshire ware we noted in an article previously published, also something of their origin.

(*Continued on page* 142)

Facts About The Care Of Rugs And Carpets

E. A. de Quintal

KNOWLEDGE of the proper care of carpets and rugs is of especial value to all good housekeepers at this time of the year. To ensure satisfactory service from floor coverings, the first problem is that of correct cleaning. Proper methods employed in the home and by responsible cleaners will lengthen the life of the carpet, spare one a great deal of inconvenience and expense and, incidentally, obviate unfair claims against the rug and carpet merchants in requiring them to replace as defective merchandise carpets that have been ruined by bad cleaning.

All carpets and rugs should be cleaned with a good vacuum cleaner at least twice a week. The mouth of the cleaner should not rest on the carpet but should be raised slightly above the pile. The mechanical sweeper should be pressed down slightly and moved slowly for best results. It is also necessary to use a good carpet sweeper at intervals, particularly on the dining room rug after meals. Never use a straw broom, for this method of sweeping is very apt to tear out a certain amount of the face of the yarn besides spreading dust and dirt all over walls and furniture.

OUTSIDE CLEANING

There are two different types of housekeepers as far as the outside cleaning of carpets and rugs is concerned: one leans heavily on the side of purity and has rugs and carpets cleaned every year whether they need it or not; the other pays no attention to the fact that floor coverings need some care occasionally. Needless to say, too much handling and the wrong methods of cleaning do not improve the life and wearing qualities of rugs and carpets. Hotels, apartment house foyers, public institutions and any interiors used constantly should have their floor coverings cleaned every year by a responsible concern. Rugs and carpets in an average home need only to be cleaned once in every two or three years, depending upon the size of the family, the location of the house and the particular amount of usage they receive.

There has been great improvement recently in the various methods of cleaning and scouring rugs and carpets, but unfortunately there are still many unprogressive cleaners who employ old-fashioned methods. Whether a carpet or rug shall receive a good dust cleaning, a soap and water wash, or a thorough scouring with warm naphtha depends upon the condition of the article under consideration. On this matter a specialist should be consulted, as a fine silk rug should certainly not be cleaned in the same manner as an inferior grade, soiled and grease-stained rug.

SHRINKAGE

Scouring a carpet that covers a floor entirely is not recommended because the carpet is almost sure to shrink to such an extent that it cannot be used again in the same way. This is particularly true of seamless chenille and broadloom carpets. Rugs will also shrink, but as they are merely laid on the floor and not required to fit a certain space absolutely, this is not such a serious matter. Shrinkage, however, is serious where a rug has been laid with sockets and pins, for the old holes in the floor are bound to show to disadvantage. While every method of cleaning will shrink your rugs and carpets more or less, the safest way to reduce the shrinking to a minimum is to have them cleaned by the warm naphtha vacuum process. There are certain naphtha cleaners who give a written guarantee to the effect that they will clean your floor coverings, depending upon the quality and condition, without shrinking them. Of course, no carpets will shrink if they are only dust cleaned by a machine that beats the carpet with leather straps as it comes through a roller. This method is, however, not to be recommended where carpets are thoroughly soiled from long and hard use.

A soap and water wash (pure soap only should be used) is recommended on all grades of carpet not too badly soiled. This does not mean the shampoo method—scrubbing a carpet or rug right on the floor—for this treatment is not only detrimental to the wearing quality but does not actually remove the dirt. It also leaves dampness to weaken and warp and creates mold beneath the rug. There is only one way to have carpets or rugs thoroughly cleaned if they are badly soiled and that is by the warm naphtha vacuum process mentioned above. This method cleans the back of the rug as well as the face.

Ink stains are usually divided into four different kinds, and while it is a somewhat difficult task, they may be removed by a special chemical process provided the kind of ink spilled is identified. The reason for this is that in order to be efficient the eradicating chemical used must have a definite reaction upon the chemicals used in the manufacture of that particular ink. Animal stains cannot be entirely removed but they can be given a special treatment which will almost obliterate them. Something that will help exclude a great deal of dust and grit from the floor coverings in a room is a mat placed at the entrance door.

MOTHS

At this time of year special attention must be given rugs and carpets to prevent the dreaded moth from ruining them. Moths will lay their eggs in any part of a rug or carpet, but they particularly like the portions that are not used very much, being especially fond of dark corners. After their eggs are hatched, the moth worms feed on the nap of the carpet until they become moths. Spraying with a good moth preventative is recommended at regular intervals during the warm weather. Air and sunshine are also enemies of the house moth. If you have fine rugs or very soiled carpets and intend to close the house for the summer months, first send them out to be cleaned, then pack them in camphor before storing. Where carpets cover the room entirely, and rugs are not very soiled, leave them on the floor and give them a thorough vacuum cleaning. Then cover them entirely with a good artificial or pure gum camphor powder (not balls or squares) spreading the powder one-eighth to one-quarter of an

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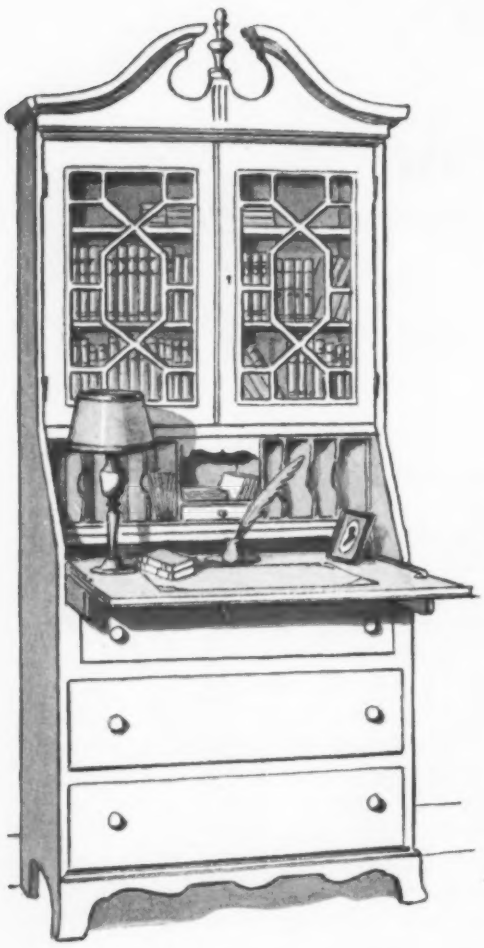
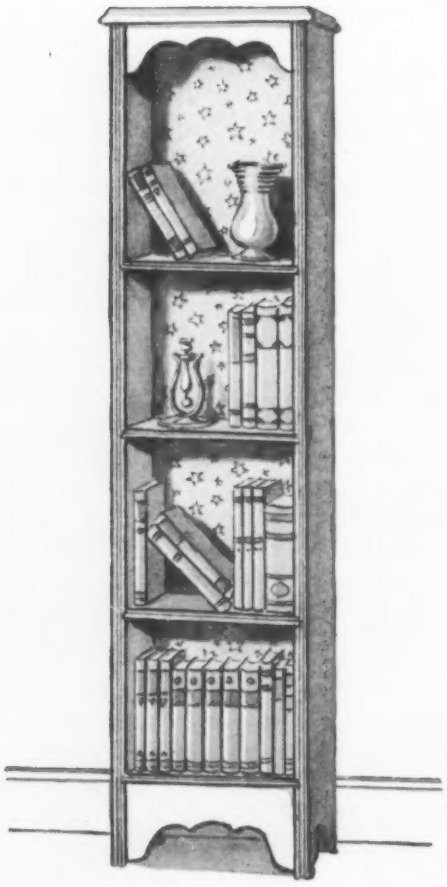


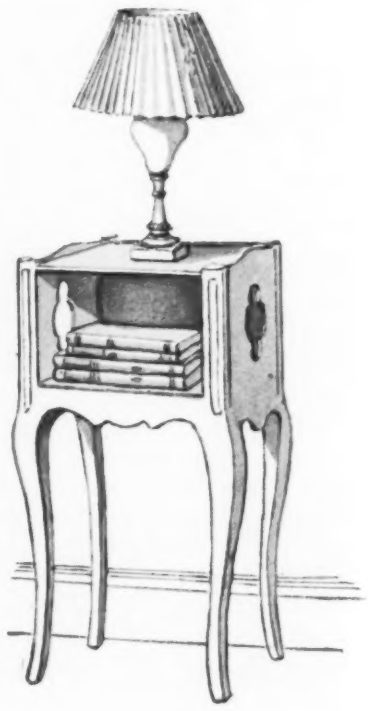
How To Paint And Stain Furniture

Marjorie Reid Rodes

ALMOST anyone with a taste for the crafts is, at some time or other, tempted by unpainted furniture as an excellent medium for self expression. Many of the unfinished pieces are quite beautiful in design and suggest infinite possibilities in the way of color. Moreover, there is an irresistible appeal in wet paint as a matter for experiment. The outcome may be disillusioning—a smooth coat of enamel develops sags and runs, a potential mahogany table shows an unexpected strawberry color and a tendency to tint the tea cloth with the same succulent tone. These mishaps are avoidable, however, if one knows a few facts about the action of various paints and one or two simple rules regarding their application.

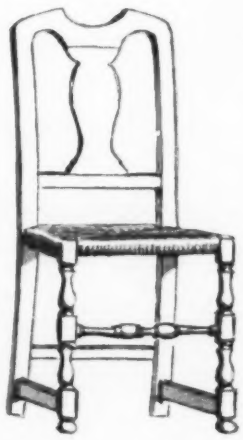
There are two distinct ways to finish furniture. It may be stained one of the wood tones, allowing the grain to show through, or it may be enameled. In either case, the first step is to look the wood over carefully for possible roughnesses. Some pieces are well made but others have rough places that should be smoothed with sandpaper. If the first process is to be used, some woods require a filler to close the open pores that follow the figure of the grain. (These pores would otherwise absorb too much of the stain and create a bumpy appearance.) This applies to oak, walnut,





Excellent for the living room is the well made unfinished furniture shown on this page which may be stained or enameled. (Upper left) This fine secretary comes unpainted or in maple, mahogany, or walnut finish. (Left) A bookcase 54 inches high and 13 broad, would be attractive painted blue-green and lined with blue star paper. Hearthstone

(Right, reading down) A well designed three drawer birch chest is 19¼ x 34½ and 31 inches high. From Artcraft. As graceful as it is convenient is a small coffee table, 17 x 26 and 18 inches high, finished some gay color. A small French provincial book table, 12 x 16 and 31 inches high, might be given a wood stain. Both from Pembroke Shop



mahogany, chestnut and ash, which are open grain woods, but not to birch, maple and whitewood, the close grain hardwoods most commonly used for the unpainted furniture on the market. For the open grain woods a non-absorbent paste filler which, as its name implies, comes in paste form, is used after the piece of furniture under treatment has been stained. The paste is thinned with a little turpentine to the consistency of heavy paint and tinted with the stain. It is applied with a short, stubby bristle brush across the grain, and allowed to set for about 15 minutes. Then take a handful of burlap or excelsior and rub hard, across the grain. This takes off all of the excess filler, leaving only that which has gone into the pores of the wood. Apply a thin coat of shellac and allow the piece to dry overnight.

To preserve the grain of the wood, the simplest finish is a varnish stain which colors and varnishes in one operation, but this will not give the finest effect. A better method is to use first a coat of one of the acid, oil, or penetrating stains. The oil stains, colored with pigment, are most easily applied. But for clear and rich transparent color the acid or penetrating stains are most dependable. (They are made with analine dyes so that they stain the wood without clogging it.) When this surface is thoroughly dry and hard—if possible it should be given twenty-four hours—it must be sealed with a thin coat of shellac. This is usually followed by two coats of varnish. The first coat is reduced with turpentine in proportions specified by the manufacturer, and allowed to dry twenty-four hours. It is then rubbed lightly with fine steel wool or #8/0 sandpaper. The second coat should be applied as it comes out of the can—no thinning, no stirring—and rubbed with a mixture of

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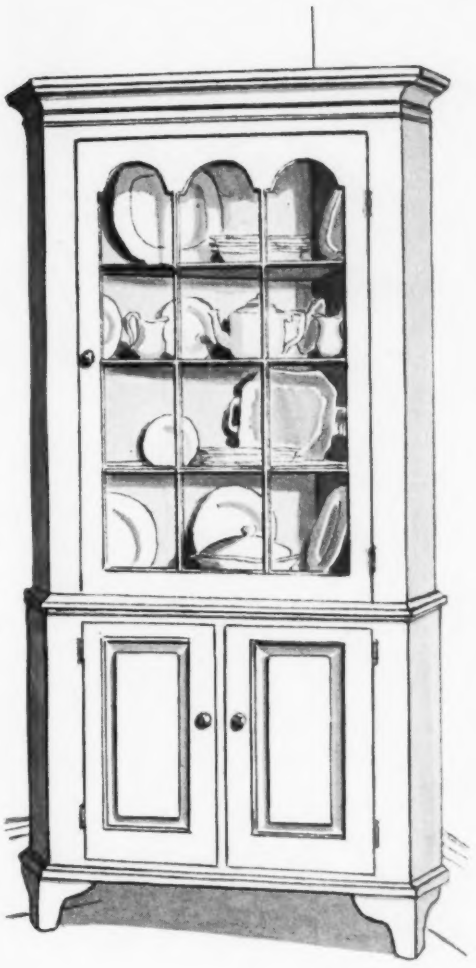


Unfinished furniture is a practical choice for the summer dining room. (Left, reading down) A birch extension table, 28 x 42, is 76 inches long when opened. Hearthstone. These simple, well designed rush seated chairs may be stained or painted: Hitchcock chair from Leavens; fiddleback, Campbell Shops; pierced ladderback chair from Hearthstone

(Upper right) A faithful reproduction of an old corner cupboard 83 inches tall and 39 inches wide would be effective painted yellow with apple green inside. From Artcraft. (Right) The useful wall cabinet 72 inches tall, 20½ inches wide, and 10 deep might have a color scheme of old white outside and Wedgwood blue inside. The Campbell Shops

The Gardener's Calendar For May

This Calendar of the gardener's labors is planned as a reminder for taking up all his tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country if, for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
☽ First Quarter, 5th day, Evening, W. ○ Full Moon, 12th day, Evening, E. ☾ Last Quarter, 20th day, Evening, E. ● New Moon, 28th day, Morning, W.		First Week: Dry and hot Second Week: Violent rains Third Week: Clear and colder Fourth Week: Warm, strong winds		**1.** St. Philip and St. James. If the weather conditions have become settled the warm types of vegetable crops may be sown at this time. Worth-while things of this class are String and Wax Beans, Limas, Corn, Squash, Pumpkins, Okra, Muskmelons and Watermelons. Sow seeds outdoors.	**2.** It is unwise to postpone Potato planting any longer if you want to be sure of good results. Potatoes are a crop that needs cool conditions, and late plantings of them, however well they may be cared for, are rarely successful. When it comes to fertilizer for the hills, get one with 1% potash.	**3.** The early sowings of vegetable seeds must be properly thinned about this time. Such attention is almost always needed, for plants that are unduly crowded become thin and spindly and never develop into vigorous specimens. Thinning should be carried out while the plants are small.
4. Second Sunday after Easter. Tubbed plants of all kinds that are to be used around the grounds for ornamental purposes may be taken from their winter quarters and moved into place now. To maintain their growth, these plants should be given a good watering with liquid manure.	**5.** Do not discontinue making sowings of vegetable crops that mature quickly, such as Spinach, Peas, Radishes, Lettuce, etc. Frequent plantings in usable quantities are the first step toward a long-continued crop of tender vegetables for the table. If there is a surplus, can it.	**6.** Crops that are more or less inactive and are not growing well should be stimulated by an application of nitrate of soda or some other strong, quick-acting fertilizer used in liquid form. There are several chemical stimulants of this sort on the market which can be used to advantage.	**7.** Most of the more common annual flowers may be started out-of-doors now, sowing the seeds where they are to grow. It is the part of wisdom to have the soil in which they are to go well prepared beforehand, far enough ahead so that it will pulverize when being worked.	**8.** Maple trees ought to be pruned just as the leaf buds are bursting; there is no danger of their bleeding. Any large scars which may result from the trimming operations should be painted with standard tree paint to preserve the wood until the cuts heal and new bark grows.	**9.** Carnations intended for forcing in the greenhouse next winter can now be planted out in the garden to gain size and strength. The ground in which they are to go ought to be thoroughly cultivated and fertilized before planting. The plants themselves should be kept pinched back.	**10.** Leonard Fuchs died, 1566. All the summer-flowering bulbous plants may be set out now that settled weather is pretty well assured. To provide a continuous supply of Gladioli, they can be planted bi-weekly. The general rule is to plant all bulbs twice as deep as their own diameter.
11. Third Sunday after Easter. It is a mistake to postpone cutting the lawn until the grass is so long that it necessitates raking after mowing. Good lawns are the result of liberal fertilizing and frequent mowing—the latter sometimes twice a week in good growing weather.	**12.** The grass edges of walks, flowerbeds, shrubbery borders and other places where the lawn meets bare ground ought to be trimmed cleanly and neatly with a turfing tool every few weeks throughout the season. A garden line should always be used as a guide, lest the trimming be uneven.	**13.** Carolus Linnaeus died, 1778. Now that the garden work is in full swing, the wheelhoe becomes a very real saver of time and labor. This implement does the necessary work of vegetable cultivation more efficiently and with considerably less effort than any other tool or method.	**14.** Effective weed killers are really necessary to keep stoned gutters clean and neat, to say nothing of their value for the same purpose on bluestone walks and drives and other places where a hoe cannot be used to advantage. One thorough application now will destroy all growth.	**15.** For the vegetable garden, it is a good plan to make a small seed bed for the accommodation of late Cabbage, Cauliflower, Brussels Sprouts, etc. The seeds of these plants may be sown now. Keep the young plants in separate beds until it is time to set them out in the garden.	**16.** James Vick died, 1882. Just before the general flowering season begins in the perennial garden it is a good practice to top-dress the beds with bone meal or some other concentrated, safe fertilizer. This enrichment should be scattered on the surface and raked in.	**17.** If you plan to have Roses in bloom in the greenhouse next winter this is the time to plant them in the benches. Like their outdoor sisters they appreciate a rich, heavy soil. The beds should be firmed well after planting and top-dressed occasionally with raw bone meal.
18. Fourth Sunday after Easter. Leaf-eating insects will soon be working in the garden, especially on the early-foliage plants. For them a poison spray on the leaves is the thing to use. Also, better cover the Squash vines with mosquito bar nets, to protect from Squash bugs.	**19.** A barrel of liquid manure, covered and kept in some convenient corner of the garden, will be a valuable accessory for treating any plants that are not doing well. Alternate applications of this liquid and solutions of nitrate of soda will prove to be effective quick stimulants.	**20.** It is unwise to postpone the sowing of farm crops any longer—summer will be here before we know it. Mangels, Sugar Beets, Carrots, Turnips, etc. should be sown. As size is the important desideratum with these crops, early planting of the seed is an essential factor.	**21.** Currant bushes, Gooseberries and Elms are among the woody plants which are most subject to early attack by leaf-eating beetles of various types. Arsenate of lead is the most adhesive and effective of the regular poison sprays which can be called on to protect them.	**22.** Keep the tall flowers like the Delphiniums supported with adequate stakes and, for the further sake of appearances, don't forget to trim all grass edges and walk borders. Broken flower stalks and unkempt edgings can make an otherwise good garden look unsightly and slipshod.	**23.** If the weather is dry you will very likely be troubled by green fly and other aphids or plant lice. Peas, Lettuce, Eggplant and other soft-foliage vegetables are especially susceptible. In the flower garden, any young growth may suffer. Spray with a nicotine preparation as a remedy.	**24.** Do not fail to keep up succession sowings in the vegetable garden, if you want the maximum satisfaction for the area involved. Corn, Beans, Spinach, Peas, Radishes, Lettuce, Beets, Carrots, Cucumber, Cress, Kohlrabi and Turnips all lend themselves to this sort of treatment.
25. Rogation Sunday. Celery seed for next winter's supply may be sown at this time. The best plan is to make a seed-bed and sow broadcast in it. When large enough to handle, dibble off the little plants into well prepared soil. When they are 4" tall, you can plant them out.	**26.** Dahlias may be planted out now. Make deep holes for them, setting the tubers several inches below grade and filling in the soil as they grow. A little sheep manure or bone meal mixed well with the soil in the bottom of each of the holes will provide the necessary stimulation.	**27.** After they have finished flowering, but not before, the Lilacs, Syringas, Deutzias, Forsythias, Spireas, Snowballs and other early-flowering shrubs may be pruned. Old, unproductive wood should be cut out. Next spring's buds will form on this season's new wood after the pruning.	**28.** When fruit trees are in bloom they should be sprayed with Bordeaux Mixture and arsenate of lead. This is to destroy the various insects which attack the forming fruit. It is especially important to spray as the flowers open, and again just when their petals begin to fall.	**29.** Ascension Day. Formal evergreens and hedges should now receive their first clipping of the season. Good hedge shears are the best tool to prevent any voids or gaps developing in the growth. Branches and tips that have been burned by the sun can be pruned off.	**30.** Memorial Day. Keep the ground between the rows of Potatoes constantly stirred, and be on the watch for signs of the Potato beetle. If any of these destructive pests are in evidence, get busy at once with arsenate of lead spray, combined with Bordeaux mixture to prevent blight.	**31.** By this time the weather normally is well enough settled to warrant the setting out of tender bedding plants like Geraniums, Cannas, Salvia, Coleus and so on. If a belated cold spell should come along, the plantings can be protected by covering them with old sheeting or other light material.

Old Doc Lemmon Was Saying To Us The Other Day—

"There's a lot o' folks whut h'ain't got much use for rain. They're allus lookin' for the sun to shine an' cheer 'em up, an' when it don't ye're likely to find 'em about as chipper as a hoss with the heaves.

"'Course, it all depends on who ye are an' how ye want to feel, same as with the drys an' the wets in this here pro'bition mess, but it's allus seemed to me thet there's a lot to be said in favor o' rain. Nor I don't mean only in the good it'll do the corn crop an' the kitchen well, neither.

"The way I look at it, a warm, steady spring rain is about as ca'm an' soothin' an' hopeful a thing as ye're like to find this side the Pearly Gates. It hes a way o' sort o' strokin' the world's face an' freshenin' it up thet's mighty nigh human. An' it's right purty, too—soft an' gray-green, slim as a white birch saplin', with never a crook or snag or homely twist. Almost seems as if ye could wrop ye'self up into it same as in the kind o' clothes the ghosts wear.

"Then there's the summer showers, sudden an' rough an' noisy as if they wanted to make sure ye knowed they was comin' special to lay the dust an' cool the air an' make ye comf'table ag'in. They got to work fast, so they scuttle around an' finish up the job like good fellers. Ye can't tell me there's anythin' gloomy about them!

"Some ways, the rains o' fall are mighty diff'rent. They've got more purpose into 'em, ye might say—more of the idee o' goin' on an' on till ye can't hev the leetlest doubt thet they mean real business. They're finishers, they are, in the same way thet a good carpenter don't let up till he's druv the last nail an' picked up all his tools.

"An' then, the winter rains! To my way o' thinkin', them's the only ones thet hev real sorrer into 'em. I couldn't git a smile out'n a January rain in a hunderd year. It don't belong, there's no real use into it, it ain't right. No sir, it just ain't right!"

Vive DeLisle!

Head Chef Emeritus of the Campbell Soup Company

The French Nation decorates Campbell's Soup chef for sending the finest cooking throughout the civilized world!

For twenty-seven years Louis Charles DeLisle has presided over the kitchens which have made Campbell's Soups internationally famous for quality and savor.

Now, as Head Chef Emeritus of the company to which he brought that subtle sense of fine cookery inborn in the French, he has been signally honored by France.

For his grateful compatriots recently decorated him with the Cross of Chevalier du Merite, Agricole, for having contributed in distinguished degree to the appreciation of the artistry of French cooking throughout the entire civilized world.

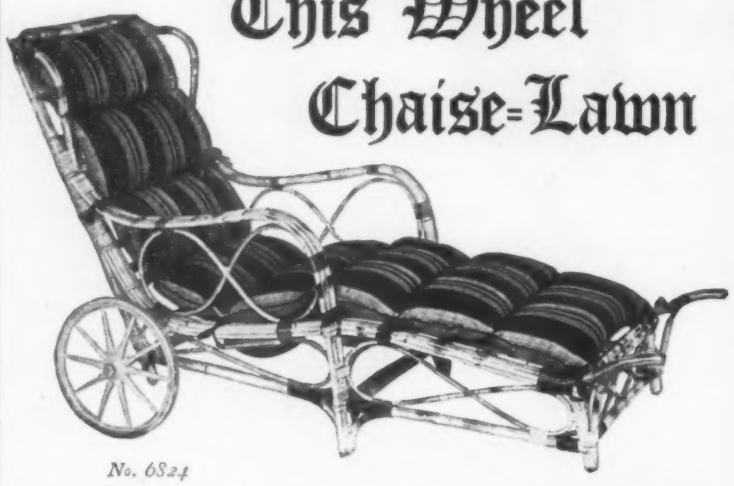
You serve Campbell's Tomato Soup or any of the twenty other delicious Campbell's selections with the knowledge that in them combine the genius and the art of the world's most famous chefs! 12 cents a can.

MEAL-PLANNING IS EASIER WITH DAILY CHOICES FROM CAMPBELL'S 21 SOUPS

Campbells' Soups

LOOK FOR THE RED-AND-WHITE LABEL

This Wheel Chaise-Lawn



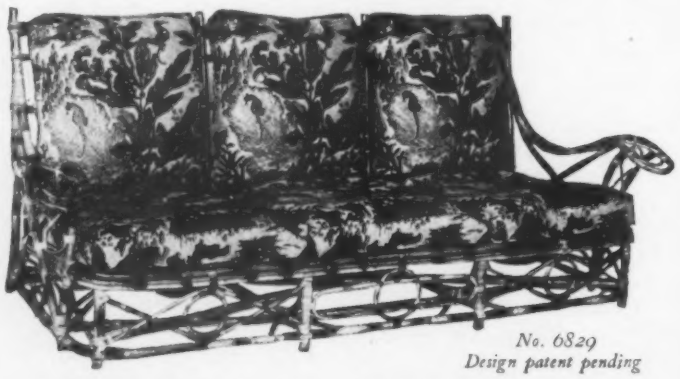
No. 6824

for Luxurious Comfort

No. 6829
Design patent pending

THIS appealing design presents a new and very distinctive type of Solarium furniture which can be moved easily to the lawn. It is all-rattan construction, natural finish, decorated with bands of French Enameled Cane in contrasting colors. The upholstery is an imported fabric chemically treated to resist water. Light of weight, but sturdily built, it is an exceptionally useful and a very comfortable piece of furniture.

The arm chair and sofa illustrated typify Sons-Cunningham originality and leadership in style design—one of their latest creations, built along low, loungy lines. The material, decoration, and workmanship is similar to that in the lawn chair. The upholstery shown on the sofa is an unique undersea design on linen crash, but the purchaser may select any other upholstery desired. This suite will bring new charm and smartness into your Sun Room.



No. 6829
Design patent pending

You are cordially invited to call at the Sons-Cunningham Showrooms, where a most representative display of their furniture is available for selection. Purchases may be made through your dealer or decorator.

A portfolio of colored prints and other illustrations will be mailed upon receipt of twenty cents—stamps or coin.

Sons — Cunningham Reed & Rattan Co., Inc.

ESTABLISHED 1886

383 MADISON AVENUE, NEW YORK
at 46th Street

The 20th Century reception room of the Viking Press has cork walls trimmed with chromium. Metal tables have black bakelite tops and the linoleum floor is in terra cotta and black inlaid with a Viking ship design. Thompson & Churchill were the architects

Decorated Executive Offices

Libby Maranov

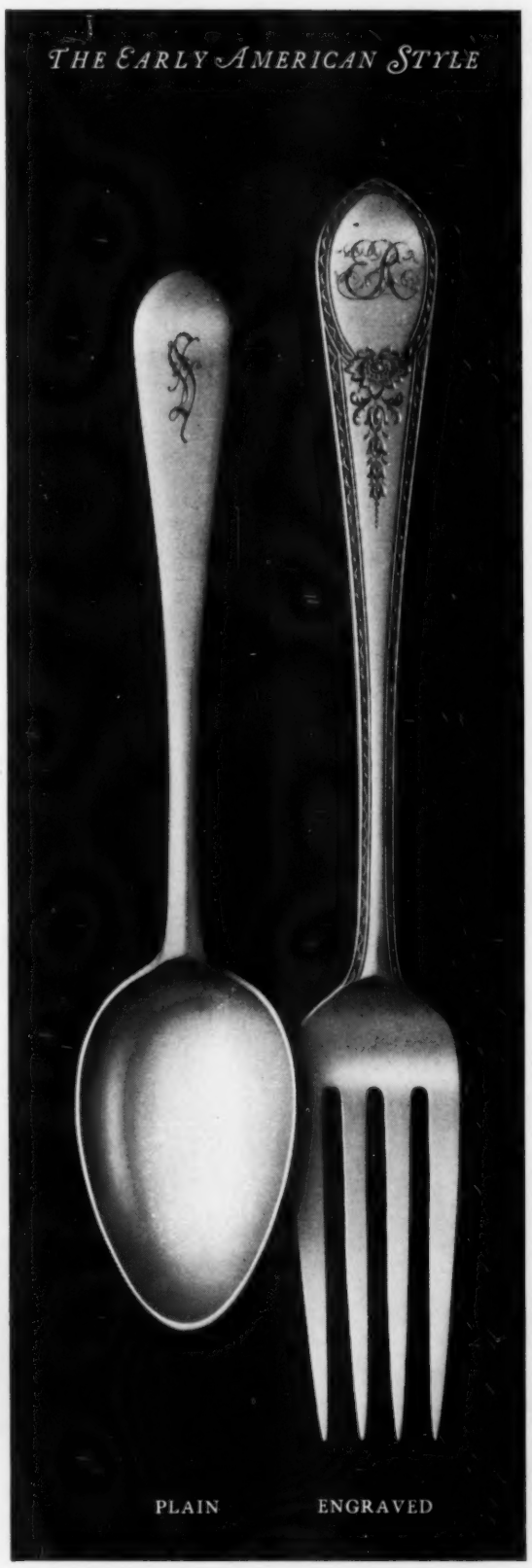
DUE either to that trend of our civilization toward more comfort and ease in living, or to the more recently developed esthetic sense of the general public, a new type of business office has come into being. Whatever the reason, the fact remains that the once rarely found "decorated" business office is more and more the type desired by the executive of a large organization. This is not surprising, for sooner or later the business man comes face to face with the realization that he spends practically all of his waking hours, and some of those he should be sleeping, in his office; it naturally follows that he demands a comfortable and attractive place to work in. At this stage of the game the decorator comes to the fore and proceeds to install as many comforts, and even luxuries, as are compatible with good taste and the sense of dignity that a business office should possess. The nature of one's business may or may not play an important part in the selection of the furnishings. Many executives choose modern decoration for their offices not only because of its simplicity and the many practical materials used, but also because it best expresses to them the age and the very skyscraper which they inhabit. On the other hand, traditional styles are found in many offices, association and a definite taste for a certain type of period furniture being responsible for this selection.

The reception room of the Viking Press, seen in the photograph at the top of the page, was designed by Thompson and Churchill, architects, in the 20th Century style. It is spacious, comfortable, attractive, and serves its purpose well. The walls are covered with blocks of cork in two tones, alternately light and dark, and are trimmed with chromium metal. The

(*Continued on page* 132)

Leaded glass windows maintain the note set by the oak paneled walls of this finely furnished office of E. W. Scripps, editorial director of the Scripps-Howard newspapers. MacAlister & Alvord, decorators

With FIDELITY to the COLONIAL TRADITION



"Treasure" Solid Silver

STERLING 925/1000 FINE

TRADE RKBG MARK

CHERISHED heirloom pieces, fashioned by EDWARDS and WINSLOW and PAUL REVERE, have shown us the beauty of early American silver ★ Now in the spirit of our American past, made for modern needs, TREASURE silver carries forward the art of the early silversmiths ★ With the same lovely balance and satisfying simplicity, in perfect harmony with hooked rugs and high boys, sprigged chintzes and ladder-back chairs, the EARLY AMERICAN STYLE completes the decorative plan of modern Colonial homes.

★ ★ ★

For each of the accepted periods in decoration today, TREASURE presents distinguished and authentic silver. WILLIAM and MARY and MARY II, the ADAM STYLE, GRANADO.. these TREASURE patterns have made possible a greater discrimination in the choice of table silver ★ To the lasting value of Sterling, to its significance as a symbol of gentle breeding, they have added the new finesse of related design.

★ ★ ★

The majority of jewelers are prepared to show you these various styles in TREASURE flat silver with its matching hollow-ware ★ Any requests to us for special information will be given prompt, expert and individual attention. And should you desire to purchase TREASURE silver out of income, this privilege may be extended by the leading jewelry shops through the membership of Rogers, Lunt & Bowlen in the Sterling Silversmiths Guild of America.

ROGERS · LUNT & BOWLEN CO.
Silversmiths . CREATORS *of* DISTINCTIVE TABLEWARE
GREENFIELD, MASSACHUSETTS
Member of the Sterling Silversmiths Guild of America

IN ITS PLAIN VERSION, THE EARLY AMERICAN PATTERN SUGGESTS THE STRAIGHTFORWARD SIMPLICITY OF DINING ROOMS FURNISHED IN MAPLE OR PINE

THE ENGRAVED VARIATION OF THE EARLY AMERICAN STYLE IS BEAUTIFULLY SUITED TO STATELY MAHOGANY FURNITURE IN A MORE FORMAL COLONIAL FEELING

ON THE ROAD TO SUNNY ITALY

STILL, blue waters. Sun-kissed hills. Blossoming trees. A winding road . . . never ending . . . You'll feel the glamorous spell of old Italy about you . . . in a room papered with this charming scenic design . . . How delicately formal it is! . . . Yet how gay and heartening too! . . . For forty years . . . Thomas Strahan has been creating wall papers of exactly this calibre . . . strongly individual in color, texture and pattern.

Thomas Strahan papers are available wherever fine wall papers are shown.

No. 6806. This entrancing motif with its softly bright tones is reproduced from a view "along the road from Positano to Amalfi" . . . in Italy.

THOMAS STRAHAN COMPANY

Established 1886

New York Showroom: 417 Fifth Ave.

Chicago Showroom: 6 North Michigan Blvd.

Factory: Chelsea, Massachusetts

Walls in aluminum fabric, black bakelite topped aluminum tables and desks, pigskin upholstery and metal chair and ceiling trim interpret the aircraft business in decorative guise in the office of Grover Loening. Charles Baskerville, Jr., was the decorator

Decorated Executive Offices

(*Continued from page* 130)

display and occasional book tables have bakelite tops and metal bases, with the lines sharp and clearly defined. The floor is covered with rubber tile linoleum in terra cotta color and black, with the Viking ship, the trade-mark of the concern, inlaid. The lighting fixtures were designed by the Nessen Studio and the upholstered armchairs covered with a rayon damask in tan and brown tones by Donald Deskey.

An office designed and decorated along traditional lines may be seen in the photograph at the bottom of page 130. This was decorated by MacAlister & Alvord for E. W. Scripps, president of the E. W. Scripps Company and editorial director of the Scripps-Howard newspapers. It is English in feeling and exudes an atmosphere of dignity and charm. The walls are paneled in oak and the furniture for the most part is of the Jacobean era. A comfortable club chair is covered with blue tapestry, and the large sofa is in blue brocatelle. The tapestry which hangs above the sofa is in blues, greens, and old reds, echoing the colors of the fine Oriental rugs which cover the floor. The ceiling fixture is of wrought iron, Gothic in design. The windows lend added interest to the room, for the leaded panes are ornamented with antiqued enamel ships, fish and maps of the old world.

Simplicity and mechanical efficiency were the effects sought by the designer of the office of Grover Loening, illustrated at the top of this page. Charles Baskerville, Jr., who is represented by the Hackett Galleries, endeavored to interpret the aircraft business in which Mr. Loening is engaged. To this end as many as possible of the materials used in airplane construction were incorporated into the furnishings of the room. Aluminum colored waterproof fabric covers the walls; black bakelite was used for the tops of the aluminum tables and desks; gray pigskin upholsters sofa and chairs, and standard moldings made of the metal used in airplanes serve for chair moldings and

(*Continued on page* 150)

The private reception room in the office of Carle C. Conway while combining strength of character with comfort, retains the severity that marks it a business office. Henri Courtais was the decorator and Reinhard & Hofmeister were the architects

**"...THE SAME ANN...
A REAL BIT OF ENGLAND"**

"... the same Ann. It wasn't two days before she had managed to find the trimmest sort of cart for that colt I bought in Calcutta. Now, each morning when she starts off from the terrace, her obviously West End tussor, her sure horsemanship ... and most of all her fresh, clear complexion make you know that a real bit of England is driving through the compound."

—From the letters of an Englishman abroad.

Soap and Cream and Powder...Give your skin the cool refreshing protection that the English Woman uses

SEARCH the world over, but only among English women will you find complexions so flower-like in texture. How does the English woman achieve—and preserve—that matchless beauty? You may be amazed to know that she follows no elaborate ritual of creams and lotions. Her cosmetics are so few as almost to arouse skepticism.

Soap, cream and powder—that is all. But each is of superlative quality. First, Yardley's English Lavender Soap. And you will find that it leaves your skin clear and refreshed with a new and healthful beauty caught in its soft texture.

Then, English Complexion Cream, as a cleansing cream to complement the use of soap and water; as a nourishing cream for use at night; and as a powder foundation in the morning. Used in this way, it is to be smoothed on liberally and then washed off with water. The fine, thin film that remains is an excellent base for your powder.

And last, Yardley's English Lavender Face Powder. Gentle, cooling and enduring, it comes in smart shades that will blend correctly with the tones of your skin, accentuating your own color.

Eight generations of English gentlewomen have made the charm of Yardley's English Lavender their own. Today it may be yours, for all the Yardley products are now available in America. The beauty treatment is waiting at your own favorite store. Send for our booklet, "Complexions with an English Accent." It is free. Yardley & Co., Ltd., 8 New Bond Street, London; 452 Fifth Avenue at Fortieth Street, New York City. Also Toronto and Paris.

BY APPOINTMENT
TO H. R. H.

THE PRINCE OF
WALES

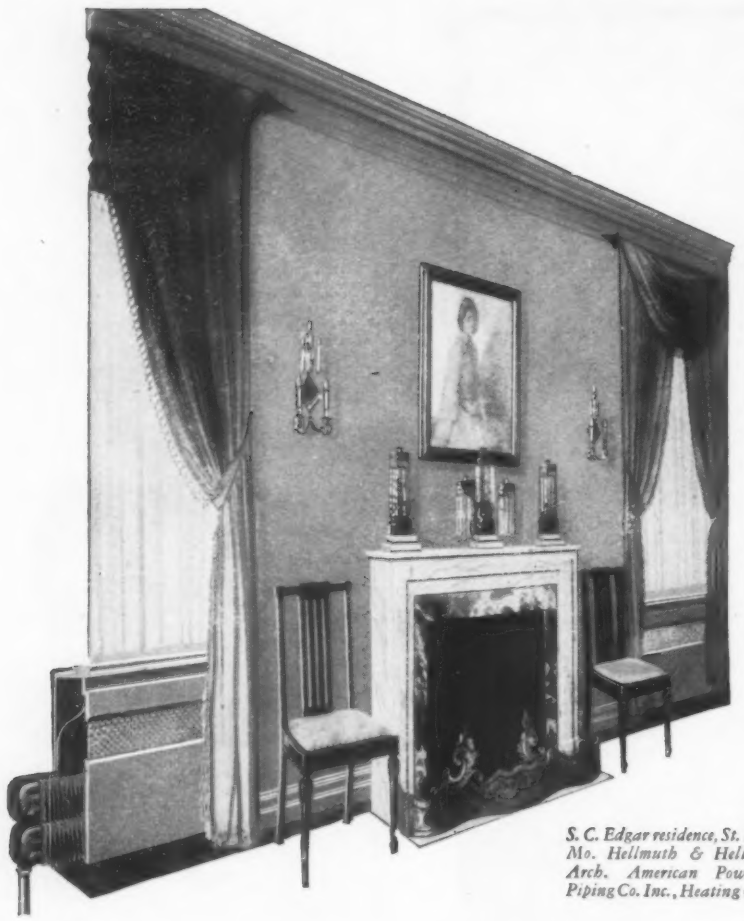
Yardley's English Complexion Cream, to cleanse, nourish and protect your skin. It is also used as a powder foundation, and can be washed away with water. In an exquisitely designed jar, $1.50.

Yardley's English Lavender Face Powder in four skilfully blended shades to accentuate the charm of your own coloring. The price is $1.

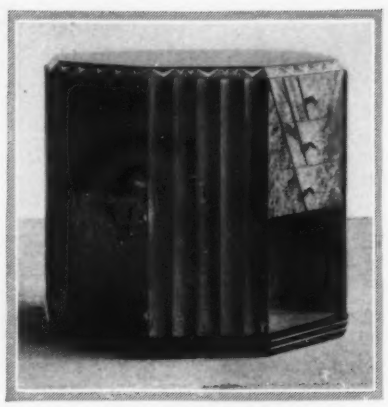
Yardley's English Lavender Soap for bath and complexion. Bland, cooling, cleansing, refreshing. Box of 3 cakes, $1, *or 35c a cake. Guest size, 20c a cake. Bath size, 50c a cake.*

Yardley's English Lavender

"The Lovable Fragrance"



S. C. Edgar residence, St. Louis, Mo. Hellmuth & Hellmuth, Arch. American Power & Piping Co. Inc., Heating Contr.



Compartments for books or ornaments, small drawers and a locked refreshment cabinet make an interesting unit. Eugene Schoen, Inc.

Two-In-One Furniture

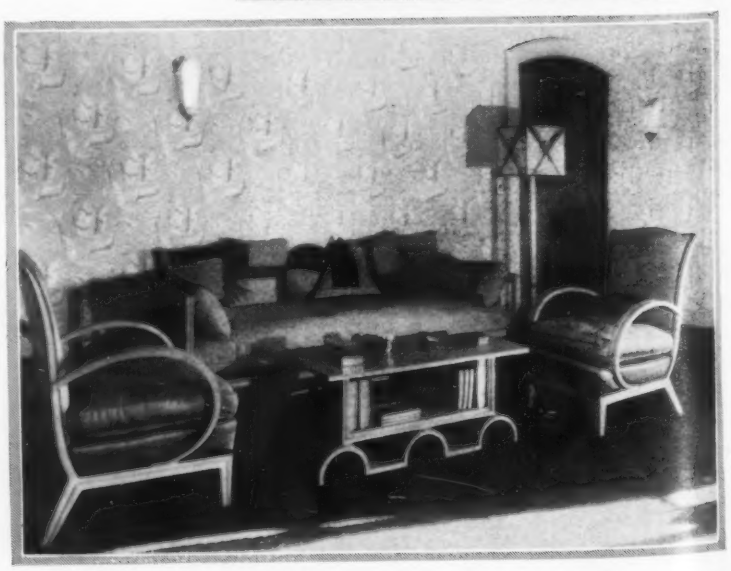
THE problem of incorporating into the limited space of the modern small apartment all the essential comfort and even some of the luxuries of larger rooms, has been solved by designers of contemporary interiors with the ingenious development of the double, and often, triple purpose piece of furniture. Usually this piece hides its real purpose behind a decorative exterior intended to suggest a different use. The various pieces illustrated on this page and on page 138, are typical of the adaptation of modern designs to a multiplicity of uses, and more often than not, to conceal their real identity.

The combination desk, dressing table, and bookcase shown in the photograph below is designed for the small apartment living room or library that must on occasion become a guest bedroom. The compartment on top of the desk, when opened, discloses a mirror with indirect lighting, and shelves for small toilet articles. The closed cupboard supporting each book tower holds lingerie and other personal effects. The piece is constructed of hardwood and painted two tones of beige.

(*Continued on page* 138)

A combination desk, dressing table and bookcase for use in a small apartment. From Pola & Wolfgang Hoffmann

(Below) An extremely ornamental combination book coffee table is painted gray. Pola & WolfgangHoffmann



Beauty— and the beast

Beauty: a tastefully done wall in a discreetly decorated room.

Beast: a radiator, *any* radiator.

No trouble hiding the beast successfully if the radiator is a Robras 20-20. Because, as you see, this radiator is a new type, specially designed to go *back* of the wall, *out of sight, out of the way.*

You already have the necessary "waste space" for it in your walls! Why spoil the best space in your rooms—right in front of the windows? Look into the records. See how this quick-heating, large-fin area radiator is completely changing the appearance of thousands of the best homes in America. That's easy to do! Just mail the coupon. ROBRAS 20-20

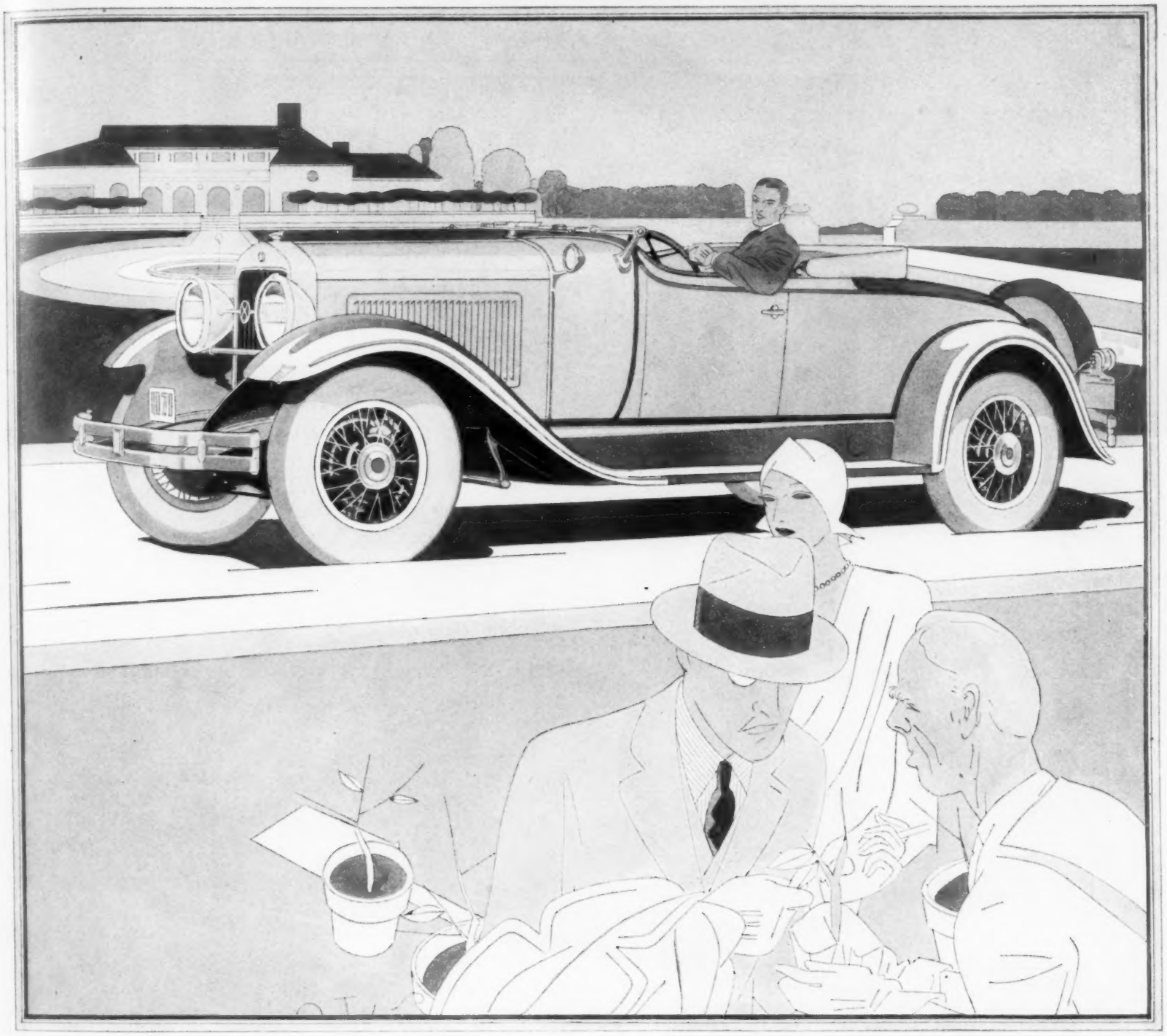
ROME BRASS RADIATOR CORPORATION, ONE EAST FORTY-SECOND STREET, NEW YORK, N.Y.

HG530

Send me information on Robras Radiators.

Name _____

Address _____

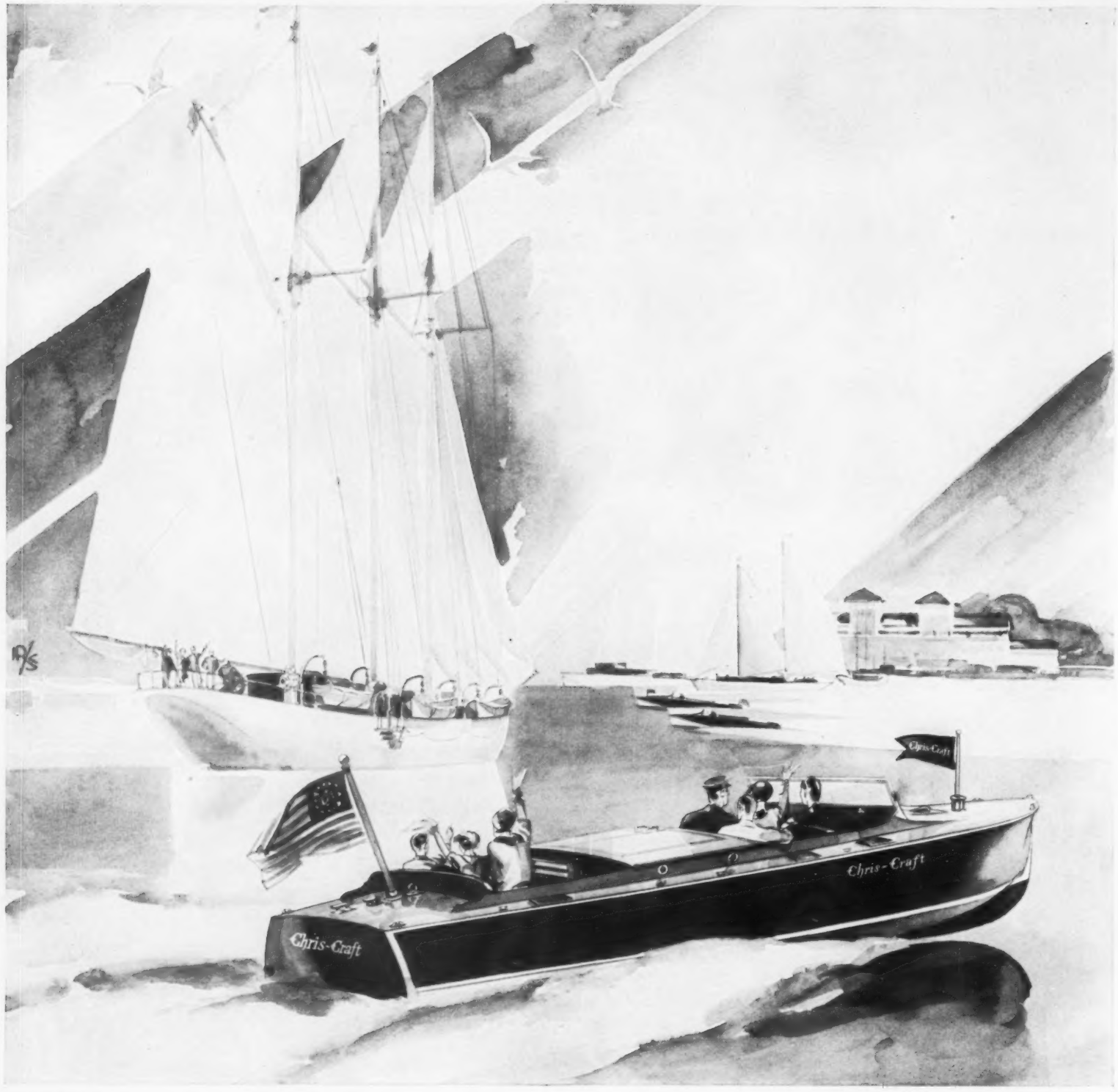


Studebaker Commander Eight Regal Roadster, for four . . . five wire wheels standard equipment

Experience, rather than Experiment, builds these Champion Eights! By time and by travel, in the hands of one hundred thousand owners, Studebaker's three great Eights—President, Commander or Dictator—have proved beyond all question their enduring soundness. Holding undisputed the greatest world and international records, and more American stock car records than all other makes of cars combined, Studebaker alone can provide Eights which are *seasoned champions*. A Studebaker Eight will cost you less than 14 different sixes but will be worth more than a six when you trade it in. Your Studebaker bears a name famous for 78 years.

STUDEBAKER

Builder of Champions



NO land gypsy ever enjoyed the freedom of that nomad of the water, the Chris-Crafter. To him the waterways of the whole world lie open. There are no white lines, no straight pavements. Every bay and river invites the Chris-Crafter to rest or to explore, to hunt or to fish. The shorelines offer wide diversity of play and recreation. Thrilling races, regattas, boat parties, picnics, social affairs—all are within range of the fast, roomy Chris-Craft . . . Every waterside family needs a Chris-Craft, and every member of the family will enjoy and use it. It handles even more easily than a motor car and has the same steering, starting and lighting equipment. There are fast, racy runabouts, luxurious sedans, commuters, cruisers and yachts in the 1930 Chris-Craft fleet. Let the Chris-Craft merchant help you select the one that fits your desire. Illustrated catalog may be had by writing Chris Smith & Sons Boat Company, 185 Detroit Road, Algonac, Michigan.

24-foot Chris-Craft Runabout, 125 H. P., speed up to 35 M. P. H. $2850

NEW!
A 17-foot Runabout, 25 M. P. H., priced at $1295.

. . . .

A few desirable sales territories open. Wire for details.

Chris-Craft

World's Largest Builders of All-Mahogany Motor Boats

Runabouts—Sedans—Commuters—Cruisers—Yachts
25 Models — 17 to 48 feet — $1295 to $35,000

Luxurious Transportation

The patrician matron of Imperial Rome traversed its narrow streets in the ornate lectica, borne by gorgeously liveried slaves and followed by a numerous retinue

THREE years ago Packard published this statement. "Three things guarantee the maintenance of Packard reputation: The finest motor cars which Packard's unsurpassed experience and facilities can build. Business dealings governed by the strictest interpretation of the company's duty to Packard owners. *Advertising which never in word or picture deviates from the conservative facts.*"

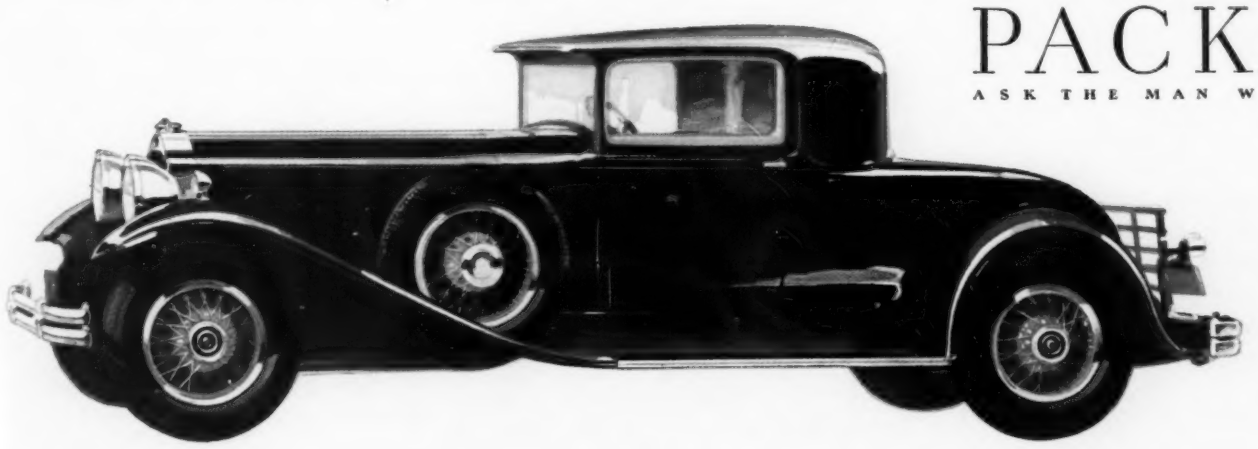
Since then Packard has supplemented the famous Custom and De Luxe models with the Packard Standard Eight—and the Standard Eight has enhanced and widened a reputation already supreme. For the Standard Eight is a Packard through and through—beautiful, powerful and luxurious.

It is offered on convenient terms—with a fair allowance for the used car—and is not depreciated in the owner's hands by frequent or radical changes in design. And Packard has advertised that it costs no more to own the distinguished Standard Eight than a car costing down to half as much—if the Packard is driven twice as long. This is a truth which simple arithmetic has proved to tens of thousands of delighted owners throughout the United States and Canada.

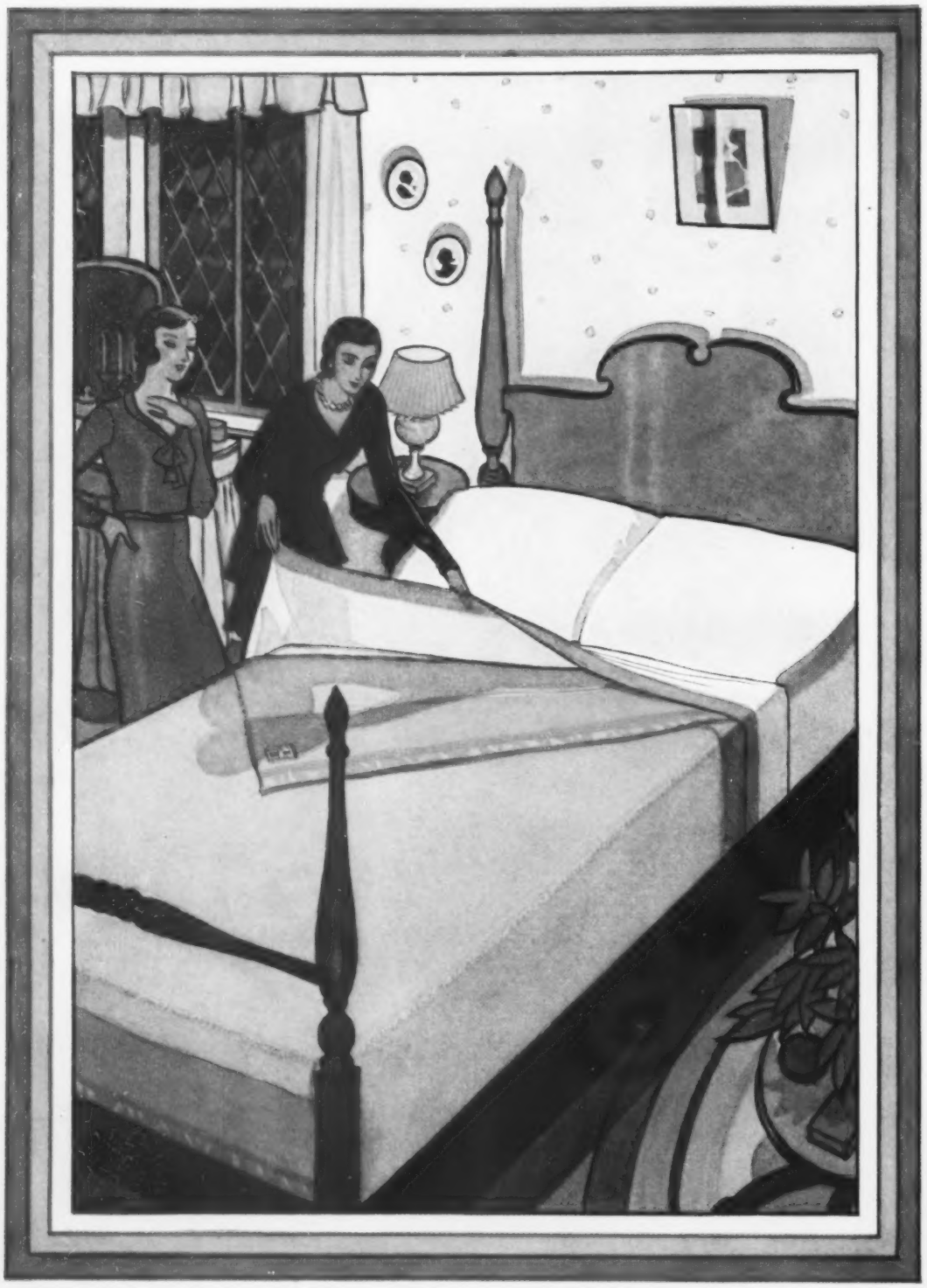
Your Packard dealer can give you some surprising facts and figures, the results of a nation-wide survey.

PACKARD

ASK THE MAN WHO OWNS ONE

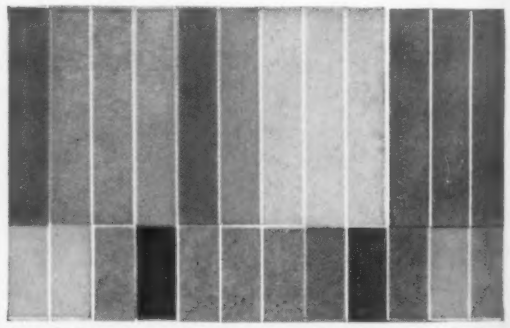


TO COMPLEMENT THE COLORS OF YOUR BEDROOM— THIS NEW ENSEMBLE BLANKET ALLURINGLY LIGHT AND WARM

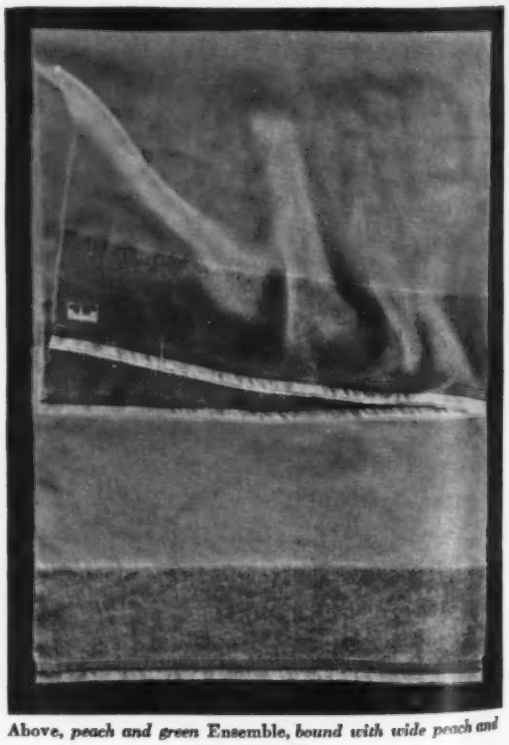


OLD TOWN BLANKET

Look for the Old Town Label



Above, *the twelve combinations of the* Ensemble—*pastel colors chosen by decorators for bedroom decoration. All* Ensembles *come in three widths,* 66″ x 80″, 70″ x 80″, 72″ x 84″. *Priced* $6 *up.*



Above, *peach and green* Ensemble, *bound with wide peach and green satin ribbon.*

FOR THE BEDROOM that looks out over pines and white lake—the bedroom that strives to be as beautiful as its mountain setting, use this newest Old Town Blanket, the *Ensemble.* It is wholly new in decorative idea. It will fuse the predominant colors of your bedroom softly together. Its wide ends complement in color the main portion of the blanket. A gold blanket has orchid ends. A rose blanket has green ends. Twelve combinations—the colors as soft in tone as the blanket is soft to touch.

It is all pure-wool—this Old Town *Ensemble.* Unbelievably light, abundantly warm. Its soft fluffiness will last after years of laundering.

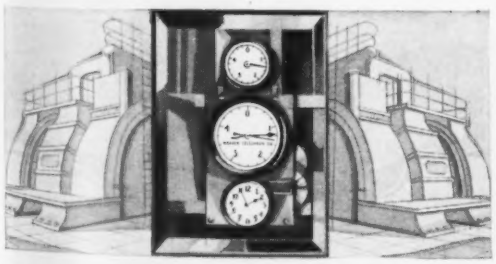
Only skilful weaving can make an Old Town Blanket, and then only with selected long wool that can be brushed to a thick soft nap. Extra weaving is necessary to combine the colors of the *Ensemble.* Yet prices are low, to permit your selecting *Ensembles* for more than one room.

Other Old Town Blankets are in solid and reversible colors; all wool, and camel's hair and wool. On each is an Old Town label. The better stores have them. If your dealer cannot supply you, write to us, mentioning his name. Address The Old Town Woolen Co., Inc., 456 Fourth Avenue, New York City. *Mills at Old Town and Guilford, Maine.*

PLUG IN FOR CORRECT TIME!

Electricity keeps the Telechron Clock in your home as accurate as the Telechron Master Clock in the power house

BELOW: *Vernon, particularly popular for bedside or dressing-table. Mahogany case. Three-inch gold-finish dial, illuminated by tiny Mazda lamp. Height 6⅛". Price* **$21.**



This is the Telechron Master Clock in your power house. Checked by radio with naval observatory time, it governs the speed of the giant generators that supply impulses of alternating current to regulate the Telechron in your home. These are the only master clocks used by power companies to furnish regulated time to the public.

BELOW: *Madison, an attractive banjo clock in early American design. Mahogany case with colored glass panels. Six-inch silvered dial. Height 32½". Price* **$50.**

MUST YOU guess each morning which one of your clocks is right, if any? Do you ever forget the daily or weekly winding? It's disconcerting to miss a train by two minutes—unnerving to burn a batch of biscuits. Life moves so much more serenely when it moves on schedule. . . . And Telechron was created just to keep life like that.

Telechron does. You can connect it with the nearest electric outlet, set it and forget it. It will serve you faithfully for weeks and months and years. Its complete accuracy is assured by even impulses of alternating current, regulated at the power house by a Telechron Master Clock. You can *trust* Telechron!

The very same precision is built into all the Telechron models. There are banjo clocks for the wall, graceful tambours for the mantel, compact little clocks for desk or radio, bedside clocks with alarm and illuminated dial, clocks in color for the kitchen —Telechron Clocks—for every purpose and every price, from $9.95 to $55.* Warren Telechron Company, Ashland, Massachusetts. In Canada, Canadian General Electric Company, Toronto.

★ The Revere Clock Company, of Cincinnati, Ohio, produces grandfather's clocks and other distinguished examples of fine cabinetwork equipped with Telechron motors. Their prices range from $40 to $1200.

Telechron
electric time-keepers

Carlin Comforts

for Those Bored with the Usual

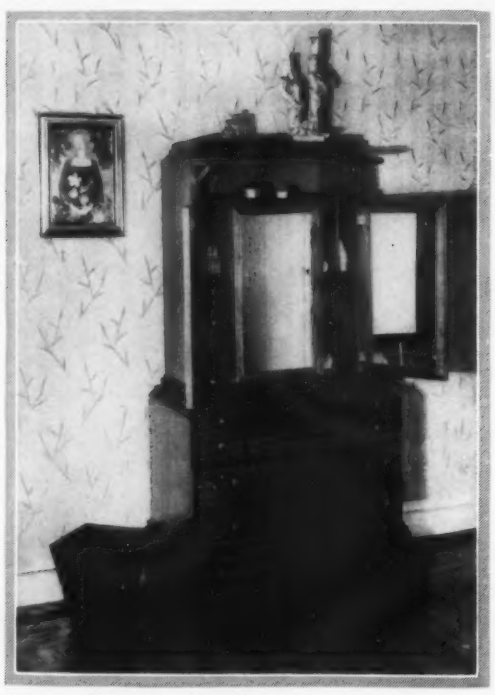
BETTER to ignore the bride than to send the banal gift! Better to be forgetful than to be trite!

The sophisticated gift of today is the boudoir accessory. A chaise longue cover, perhaps, of soft, gleaming satin embroidered in clusters of rosebuds; rich satin comforters of phantom weight but realistic warmth . . . blankets and their delicately beautiful covers . . . spreads of every fabric from antique lace to the cool simplicity of moire. The originality of design, the quality of the fabric, and flawlessness of craftsmanship lift any Carlin gift from the usual.

A colorfully illustrated booklet from which to order, showing accessories for bedroom and boudoir, for travel and for the nursery, will be sent you if you cannot make a personal selection.

Carlin Comforts, Inc.

NEW YORK . . . *528 Madison Avenue at 54th Street*
CHICAGO . . . *662 North Michigan Avenue at Erie Street*
SAN FRANCISCO
I. MAGNIN & CO., *Grant Avenue at Geary*



Two-In-One Furniture

(*Continued from page* 134)

Success is assured the one room apartment containing the walnut wardrobe-dressing table seen above. Mirror backed doors open upon a series of shelves, compartments, small drawers, and an inner cupboard with a mirrored door. A sliding tray contrives, with the aid of the three mirrors, to make a substantial and useful dressing table. In the chest of various sized drawers below is room for lingerie, shoes, and household linen. Hats may be kept on the shelf, concealed by a sliding door, at the very top of the cabinet. While this piece was originally designed especially for a woman there is no reason why variations of it could not be adapted for service in a man's room.

(Above) Excellent for the one room apartment is this commodius wardrobe-dressing table in walnut. It was designed by Alice Starr

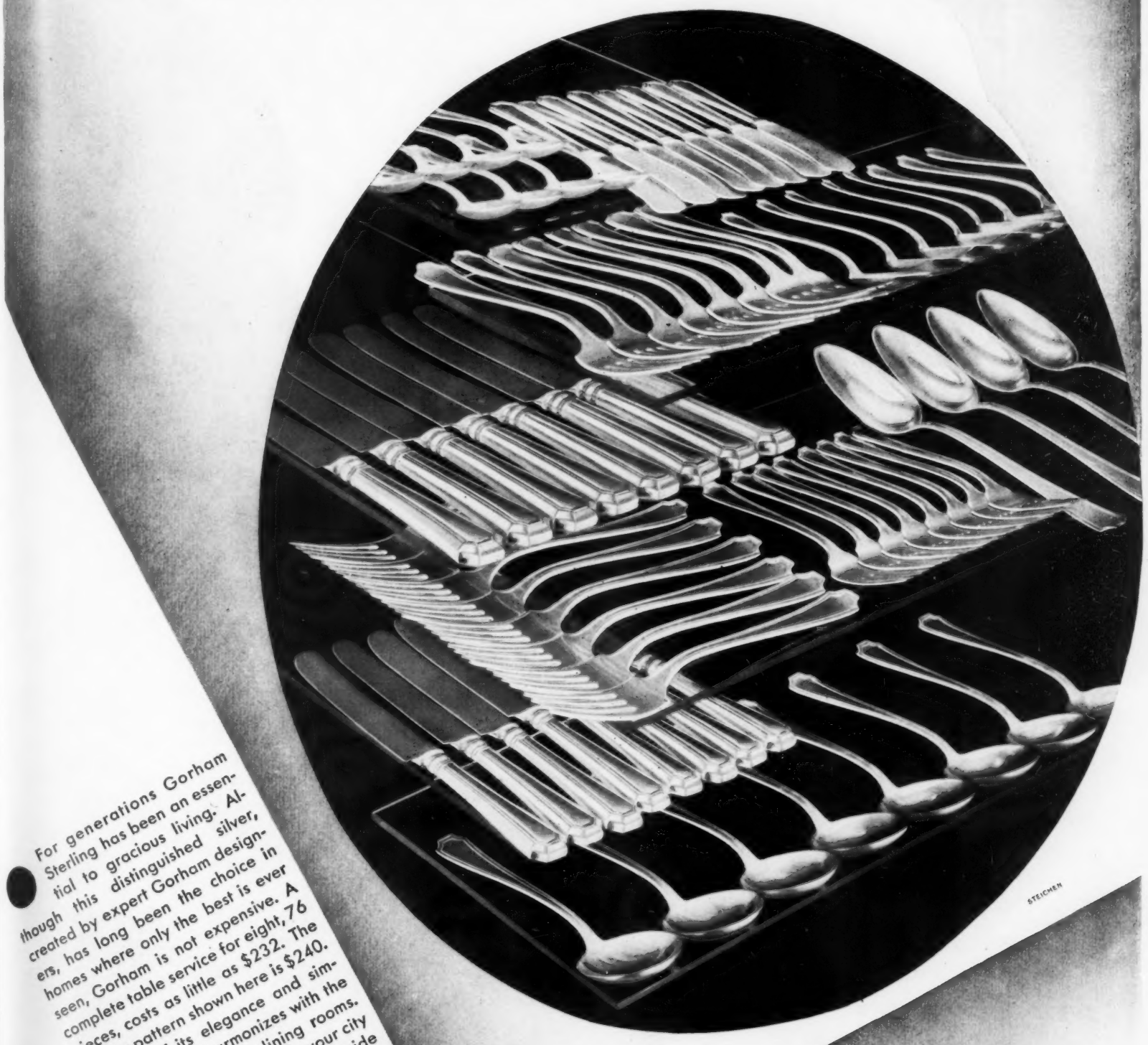
The library table or desk with bookshelf ends (shown in the photograph at the bottom of the page) is a handsome piece for either a living room or library. It is 7 feet long and made of rare woods. The book table seen at the top of page 134 has compartments for books or ornaments, several convenient small drawers, and a refreshment cabinet fitted with a stout lock. It serves also for a coffee table as it is but 25 inches high and 26½ inches in diameter.

Another ornamental combination book and coffee table, shown at the bottom of page 134, is painted in two tones of gray. This harmonizes with the yellow chairs, the gray and green flower patterned wall paper, and the pale green and black upholstery and cushions of the day bed in the guest room group.

Veneers of interestingly marked, rare woods brought from many lands lend additional attraction to the novelty of form which characterizes these 20th Century furniture pieces.

A serviceable library table or desk made of rare woods is seven feet long. Bookshelf ends offer a novel decorative effect that is also practical, while large drawers and cupboards ensure additional room. This modern piece was designed by Eugene Schoen

without being extravagant you can have
the finest name in **sterling** ... **gorham**
a complete service for eight costs as little as $232



STEICHEN

For generations Gorham Sterling has been an essential to gracious living. Although this distinguished silver, created by expert Gorham designers, has long been the choice in homes where only the best is ever seen, Gorham is not expensive. A complete table service for eight, 76 pieces, costs as little as $232. The Fairfax pattern shown here is $240. Because of its elegance and simplicity, Fairfax harmonizes with the decoration of most dining rooms. The established jeweler in your city will be glad to show you a wide variety of Gorham Sterling table silver, and beautiful hollow ware.

THE GORHAM COMPANY
Providence, Rhode Island . . . Dept. G-2
Please send me your new illustrated book, "The Art of Table Setting," by Lilian M. Gunn, authority on the etiquette of entertainment, for which I enclose 25¢.

Name _____ Address _____

gorham

COLBY

Antique Aubusson rug and chair from a harmonizing French group which includes three additional armchairs, four sidechairs and a canapé

ANTIQUE
FURNISHINGS FROM
FRANCE AND ENGLAND

AS part of a complete furnishing and decorating service, we present in our Chicago showrooms an entire floor of eighteenth century antiques.... You are invited to visit any Colby shop where you will find a representative selection of furnishings from the style centers of the world, and a staff thoroughly conversant with the correct selection and use of artistic furniture and accessories.

John A. COLBY and Sons

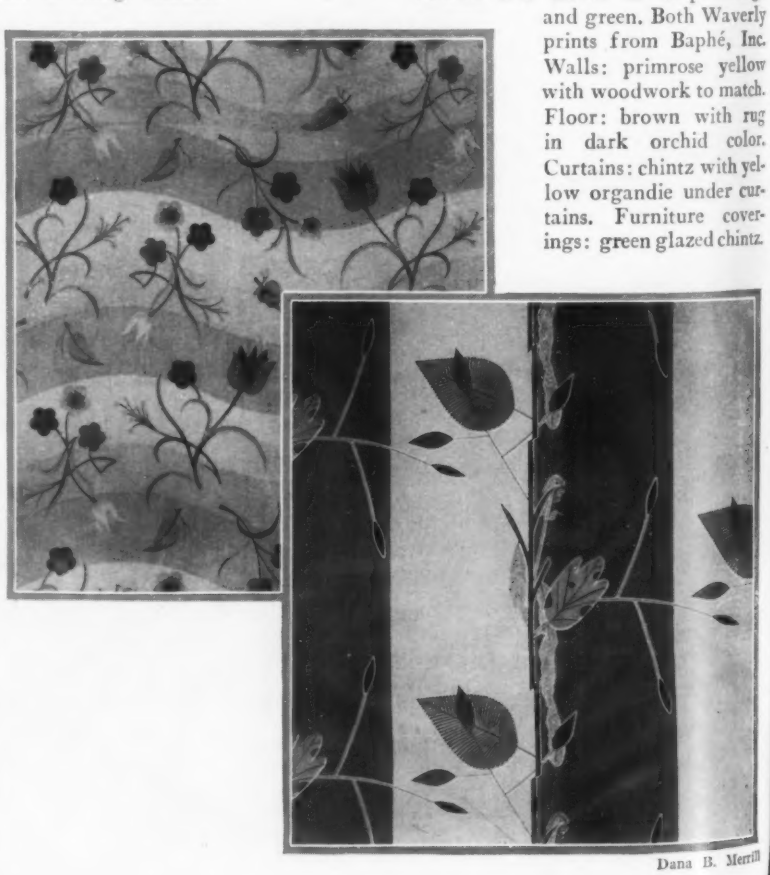
129 North Wabash, CHICAGO
Hotel Astor, MILWAUKEE
1501 Chicago Avenue, EVANSTON
1140 Lake Street, OAK PARK

Country Papers

THE papers above are Salubra—imported wall paper that is both sunfast and washable. These designs done in a restrained modern style would be effective in either a country house dining room or hall. The pattern at the left has a white ground and large flowers and leaves in apple green, gray green and gray. On the right is a design of shaded gray stripes on a pale gray ground, and a green trellis through which runs a slender orange colored vine. Both from Walter Johnson, Inc. Woodwork: light gray. Floor: dark gray with bright green rug. Curtains: pale gray gauze trimmed with green ball fringe. Chair seats and other furniture coverings are in orange damask.

Flowered Chintzes

THE chintzes shown below are suggested for a bedroom or country house morning room. They are similar in coloring and feature charming flower designs in the modernist taste. (Left) A pattern with a background of wavy horizontal stripes in orchid, mauve and flesh and flowers in yellow, blue, green and deep pink. The chintz at the right has vertical stripes in light and dark orchid color with large flowers and leaves in deep orange and green. Both Waverly prints from Baphé, Inc. Walls: primrose yellow with woodwork to match. Floor: brown with rug in dark orchid color. Curtains: chintz with yellow organdie under curtains. Furniture coverings: green glazed chintz.



Dana B. Merrill

FORMAL *Elegance*
IN THE MODERN DINNER TABLE

Linen, courtesy of Mossé, Inc. Glass, courtesy of Steuben Glass Co.

REED & BARTON
TAUNTON, MASSACHUSETTS
STERLING — ESTABLISHED OVER 100 YEARS — SILVER PLATE
TRADE MARK
TAUNTON, MASS. (R) NEW YORK, N. Y.
STERLING

Not by elaborate display, but by careful selection of the *right* things, is formal elegance achieved in the modern dinner table. The silver chosen for this lovely setting is the Oxford design, in sterling silver by Reed & Barton. Your jeweler will be glad to show you both serving pieces and flat silver in the exquisite Oxford pattern.

"What a perfectly adorable little tea set!" This is one of those lovely English tea sets that invariably lends added charm to the tea hour—not only for the guests, but for the hostess!

What about Price?

DOES *exclusive* always mean *expensive?* Is *individuality* in rare and lovely China always costly? No indeed! At least, not at Plummer's! Take, for example, this perfectly exquisite little tea set.... of very fine English Bone China.... and very quaint, with its dear little garden scenes and brightly colored handles.... and just as exclusive as exclusive can be, for it comes direct to Plummer's from the renowned Shelley potteries of Longton, Stoke-on-Trent, England.... yet it costs only $38.... (no, that isn't a typographical error!).... the price actually is "only $38".... for the entire set of twenty-one pieces.

6 cups, 6 saucers, 6 teaplates, teapot, sugar bowl, creamer. Dainty, old fashioned garden colors against a neutral cream tone background, with a choice of colored handles to blend with your other appointments. Blue, yellow, lavender, green.

How do we do it? Well, famous Old World potters, anxious to enhance the prestige of their China, seek our cooperation in producing new and charming patterns. And naturally, they confine these exclusive creations to Plummer's, whose reputation among smart, discerning hostesses is so well known.

Mail orders promptly filled

Wm. H. PLUMMER & Co. Ltd.
IMPORTERS OF
Modern and Antique China and Glass

7 & 9 East 35th Street, New York
Near Fifth Avenue

NEW HAVEN, CONN. 954 Chapel Street
HARTFORD, CONN. 256 Farmington Ave.

The cat and rooster are as modern in their elimination of any superfluities as any recently sculptured achievements. Religious pieces like this Crucifixion were in great demand

18th Century Cottage Ornaments

(*Continued from page* 124)

Mrs. Robert W. de Forest's Collection, photographs of which illustrate this article, emphasizes the folk trend clearly. A casual glance at these pieces shows the artist's choice of subjects indigenous to his day: the barnyard rooster; the squirrel and deer of nearby woods; the birds billing and cooing in the back-yard shade trees; the fruit dish arranged for company; the bouquet—adored impedimenta of Victorian days; the clock for the parlor mantel—as good or nearly so as the costly Crown Derby or Staffordshire; the religious group—a reminder of good behavior and especially good morals; the poodle dogs—lapdogs of course; the spaniel, clipped or full furred, the prime favorite of both old ladies and little children. Last—ah! the cat.

In point of time this cat is modern, we mean *moderne*, in its complete suppression of the superfluous and the unnecessary. It might be a choice bit of modernistic art. So might the rooster be too, for that matter. But their expressions are so provocative that we must say what we think about them. The cat's whiskers are the acme of modernism. Observe the cat! They say all that can be said of the whole tribe of whiskered felines, from the Tammany Tiger to the cat that has just eaten the canary. They are certainly "frozen action," for you confidently expect them to whisk at any moment, at least we do. The closely wrapped curl of that tail, the alert ears, the colored ribbon around the neck, the dabs of paint emphasizing the claws, despite the wide-eyed innocence of the creature—what could be more representative of the ideas of modernism! The asking price was probably about 50 cents, a little more or less depending upon whether the sale was conducted at the kitchen door by Bridget—the party of the second part—or at the front door by the lady of the house herself, with a blue-eyed, dimpled, golden-haired darling tugging at her skirt and urging the capture of the feline because it looked just like her own precious pussy. "True to life," the salesman would urge diplomatically, catching up the point, and the purchase was completed. "True to life." The modernists despise the phrase. But just how "true to life" really is the primitive to the eyes of a little child? What delightful possibilities of speculation and research! The true primitives—witness the animal drawings in that ancient cave in France—are true to life with a realism that is startling. We claim quite as much for the cat, and own ourselves continually intrigued by it. "True to life" was the art ideal of Victorian days, and this is a Victorian as well as a *moderne* cat. These plaster ornaments have a way of starting one on trails of thought that lead to unexpected *dénouements*. They are distinctly provocative. Who would expect to find two excellent modernist figures among them?

The rooster will never crow or even strut, but we know him for what he is—*poseur*, with all the dignity and *empressement* of a French advocate. His wattles hint the white lawn cravat of the profession. He surely has a brief case tucked under that wing. A modernist could not better the strong sweep and solidity of tail and comb, and altogether he is well ahead of his time. Were there modernists among those old plaster men, or did they just do as well as they knew how? We wish it were possible to know some of them by name, at least.

The clock is a *chef-d'œuvre*, to be envied Mrs. de Forest by every collector. It is so imposing and elaborate that we suspect its mold maker of having had a thorough European training—we hope he was an Italian. The romantic figures are posed operatically, still not uncomfortably, on a rococo pedestal. The clock embodies all the characteristics of its day—classed by the Metropolitan Museum as one of "Romanticism." It is rural, not truly so, but rustic. We dare not guess at its asking price on the day of its making. Doubtless the fact that it included a clock, which actually kept time, exalted it in value; and we fancy it was bought in a shop, not peddled at house doors. Its dignity forbids such casual merchandising.

The religious group, "Crucifixion," with the women at the cross, is not far from modernism in its monumental outline, in the simple sweep of line in the veiled figures, and especially so in the inconsequential bit of ornament at the foot of the cross. To have such a piece in a home bespoke respectability, as did the Bible on the table in the closely blinded parlor.

(*Continued on page* 148)

Pewter

its soft, rich sheen and simple lines blend well with the modern mode

PEWTERERS, ancient or modern, have never been content to copy the creations of other craftsmen. There is something in the ductile, shimmering metal with which they work that inspires distinctive designs. Good pewter, through the ages, has been marked by a simple dignity of line and an absence of ornamentation that rightly emphasizes the rich beauty of its satin surface.

Today's world has enthusiastically taken pewter to itself. It blends easily into current decorative schemes—goes gracefully with the furnishings of almost any period. It is old enough to be new—and fresh—and altogether interesting.

You'll find pewter pleasant company in your home. There are pieces for all the conventional purposes—tea and coffee sets, waffle sets, platters, pitchers, pepper and salts. And there are odd bits for unexpected places—quaint lamps, lovely bowls, tobacco jars. A number of them are illustrated here.

When you go to buy pewter, as you surely will, look for the three "touch marks" shown below. Any one of them, stamped into pewter, signifies skilled workmanship and authentic design—whether the pattern be Early American, French, Irish or Norwegian. Each of them guarantees the fullest value for your money.

If you are interested in pewter's glamorous past and present, write for Booklet P-57, "Pewter Through the Centuries." Pewter Department, International Silver Company, Meriden, Connecticut.

INTERNATIONAL SILVER CO.

As SILENTLY as nature makes ice

Electrolux not only is noiseless when you buy it, but noiseless forever after

In some ways Electrolux even improves on nature's freezing method. It is just as noiseless. Almost as simple. And a whole lot more dependable.

Open the door any hour of the day or night and you'll find crisp steady cold, pure sparkling ice cubes, always inside. But you'll never hear a sound.

A tiny gas flame about the size of a pilot light and a trickle of water are the secret of this refrigerator's silent, sure, low-cost operation. These two things take the place of all machinery. They circulate the vital cold-producing refrigerant—a refrigerant that is sealed in rigid steel and never needs renewal.

You know how relatively cheap gas and water are. And Electrolux uses only a small quantity of each. That's why it costs so little to run . . . as little as 50 cents a month in some localities.

There is not a single moving part to Electrolux. Not a speck of machinery. And hence no chance for noise to develop. No vibration. No wear. No trouble. Nothing to fuss with. Think what such perfect simplicity means to you as time goes on.

Even the tiny gas flame in Electrolux is safeguarded. Should the flame ever go out for any reason, the gas automatically shuts off until you light it again.

See Electrolux at the nearest display room of your gas company or other distributor. Can be operated with Pyrofax Gas where there are no city mains. Many sizes and models. Prices $195 to $430 at the factory, with liberal purchase terms. For complete illustrated information by mail, write Electrolux Refrigerator Sales, Inc., Evansville, Indiana.

ELECTROLUX

THE *Gas* REFRIGERATOR

A tiny gas flame takes the place of all moving parts

Hostess Model Electrolux shown above has five cubic feet of food space and makes 45 large ice cubes.

Now *it's easy..*

to give them that ART SHOP LOOK

Here's a Paint *that can't go wrong*

ARTLAC makes it easy for anyone . . . even the woman who's never held a brush in her hand . . . to plunge into painting—and come out triumphant! Straight off, you'll be able to turn out jobs that would do an art shop proud! It's not just the colors . . . though they're lovely. It's not just the smooth, satiny gloss, though you'll revel in ARTLAC's gloss. But it's the wonderfully "finished" job that you achieve with ARTLAC . . . that made-in-a-fine-shop look, that makes all the difference in the world!

Little things . . . big things . . . it's safe to wager that soon you'll be doing whole rooms that will make your heart swell with pride!

For ARTLAC is easy . . . easy . . . easy! It's the simplest thing in the world to apply! No trick technique to remember. Just stroke ARTLAC on . . . and watch it straighten out brush-marks, laps, joinings . . . into a satiny surface . . . smooth as smooth!

Even large surfaces are easy, with ARTLAC. ARTLAC will never dry, one part, before you've had time to join up strokes. What's more, if you leave a little spot bare you can go back and correct it. Don't worry . . . ARTLAC will level itself out again . . . perfect in finish . . . glossy as a tile. ARTLAC dries, ready for use, between meals. Quick, but not too quick.

All Artlac needs is a smooth, clean surface

Hours of tedious labor can be saved if you paint old pieces with ARTLAC. You needn't bother to scrape them down to the wood. If the old surface is smooth and clean, just go ahead and paint right over it. ARTLAC won't seep under the old coat, and make it buckle and bulge.

ARTLAC is . . . on old surfaces or those fascinating new unpainted pieces . . . the easiest paint in the world to use!

AND THE COLORS . . .

The newest and loveliest in the decorating world!

Bewitching greens . . . Chartreuse . . . that glorious new shade, half green, half yellow! Reds that look as though they had stepped out of old English hunting prints . . . Blues . . . sophisticated . . . Yellows that sing . . . Pinks . . . Wisteria . . . Tones gay or subtle . . . all the smart new tones that you see in the smartest magazines.

All clear-toned and beautiful and distinctive. Created by the largest maker of artists' paints in America, ARTLAC brings you colors blended from a range of 400 rare pigments, usually found only on an artist's palette.

Try ARTLAC . . . on the smallest *objet d'art*. Soon you'll be painting whole rooms, with this wonderful new paint!

• • •

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DRIES BETWEEN MEALS . . . *hard, glossy, smooth!* NO WAITING TO PAINT DIFFERENT SIDES (ARTLAC *goes on vertically just as easily as it does horizontally . . . the surface you're painting doesn't have to lie flat, for best results, as it does with so many paints*) COMES IN A GLASS JAR NO OBJECTIONABLE ODOR. *That's a joy, for sensitive noses!* 30 SMART COLORS COVERS EASILY WATERPROOF . . . *fine for porch furniture,* GOES A LONG WAY WEARS AND WEARS AND WEARS IN 4 SIZES . . . . . 2, 4, 8, *and* 16-oz. *sizes.*

• • •

Tune in on the "Devoe Redskins" every Thursday night beginning February 20, 9:30 to 10 (Eastern Standard Time). Columbia Broadcasting System.

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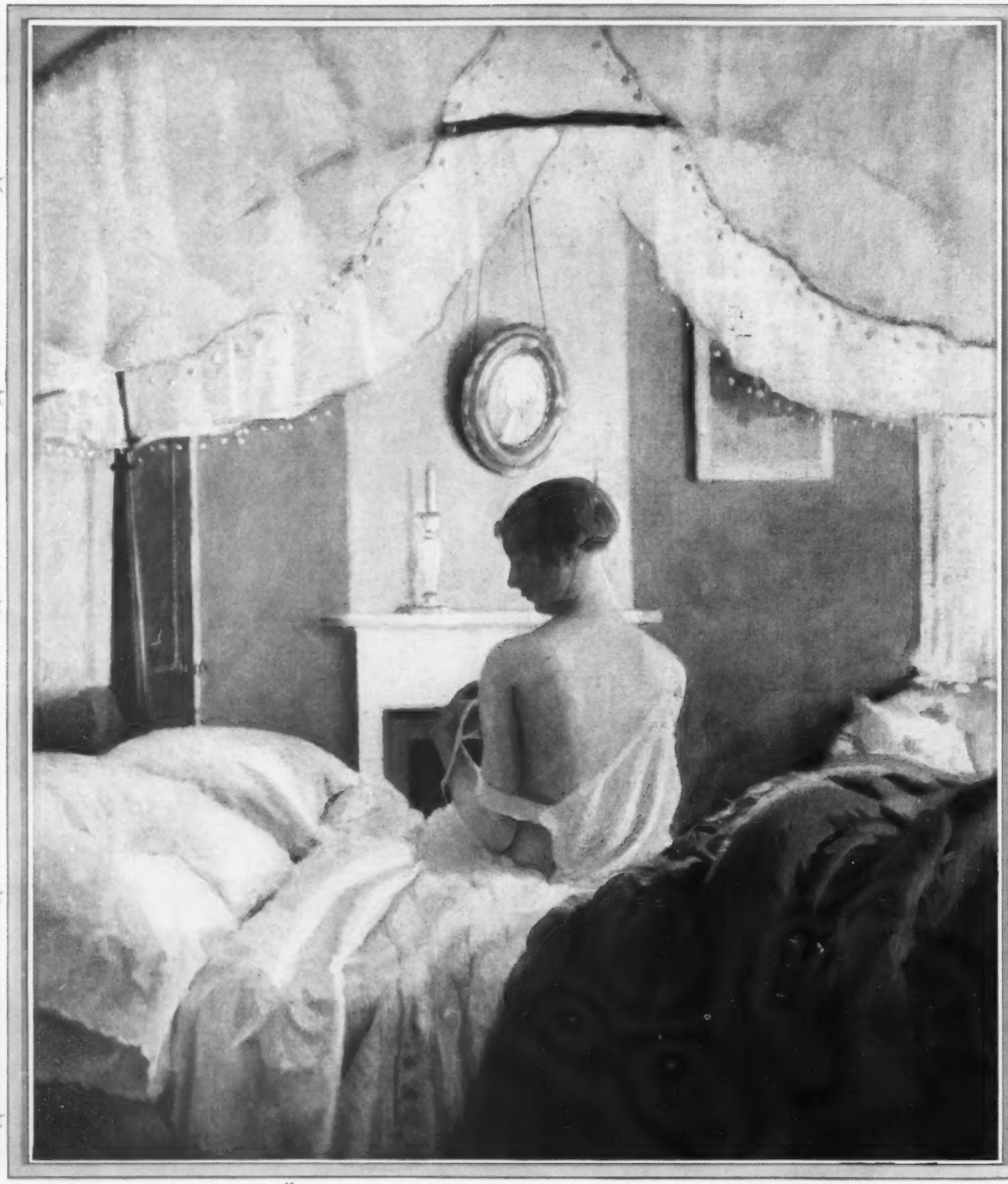

"MORNING," *by* ELIZABETH PAXTON

"Bed, bed, delicious bed . . .

"BED, *bed, delicious bed . . . The heaven on earth for a weary head.*" So runs an old rhyme that dates back farther in the anthology of sleep than even the ancestral fame of Wamsutta Percale.

That there is such a thing as perfect comfort on this otherwise none-too-perfect earth can be proved by anyone who will make a bed with smooth, cool pillow cases and long, deeply turned sheets of Wamsutta Percale.

Stretch out into its drowsy depths. "Bed . . . Bed? . . . What was that rhyme?" you'll start to think. And the next thing you know it will be morning.

WAMSUTTA MILLS, *Founded 1846,* New Bedford, Mass.

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WAMSUTTA PERCALE SHEETS & PILLOW CASES

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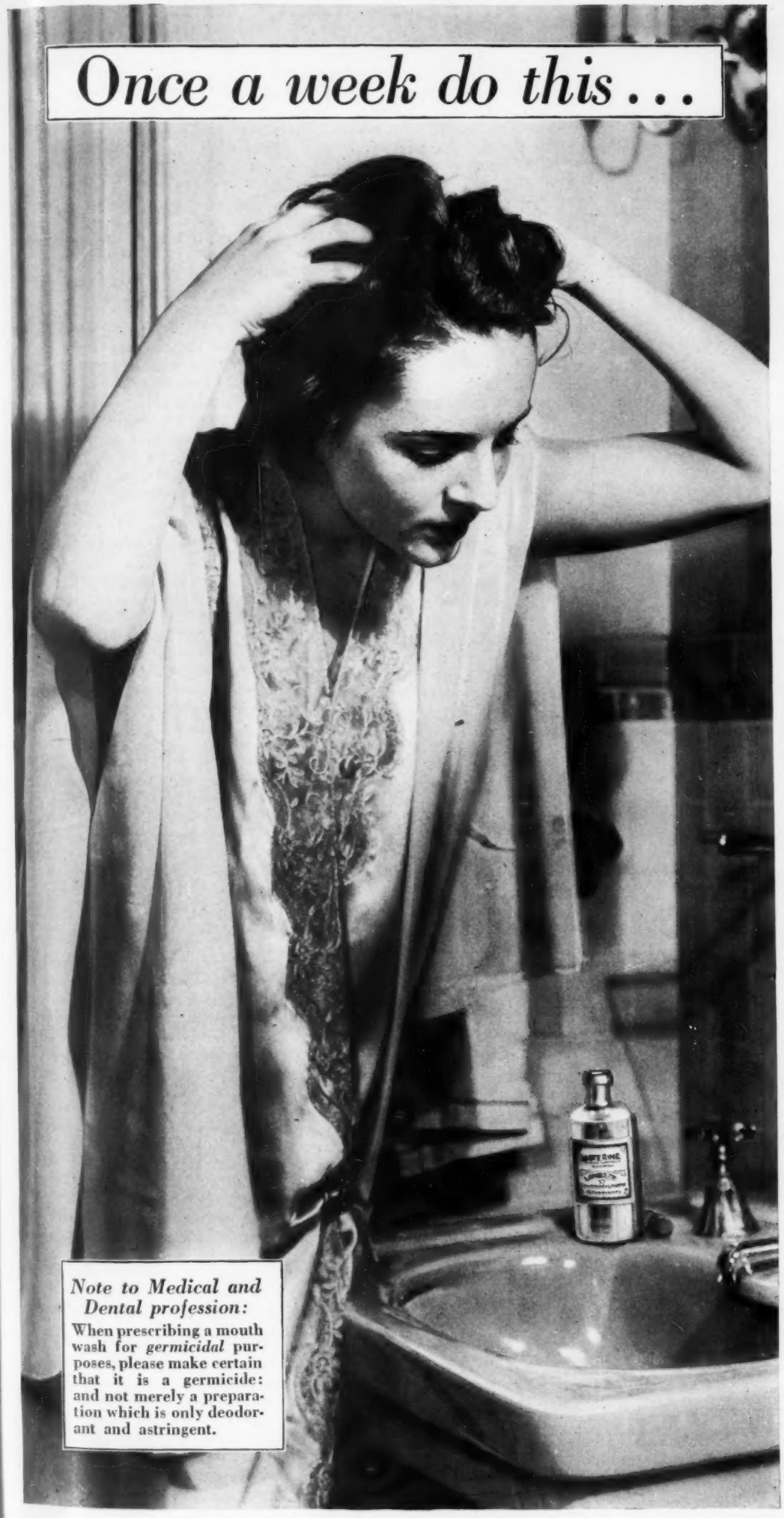
PERCALE SHEETS
AND PILLOW CASES
THE FINEST OF COTTONS



Note to Medical and Dental profession:
When prescribing a mouth wash for *germicidal* purposes, please make certain that it is a germicide: and not merely a preparation which is only deodorant and astringent.

Cleans the scalp— checks dandruff

WHENEVER you wash your hair—and most people do it once a week—douse full strength Listerine on the scalp either before or after the rinse. Then massage the scalp and hair vigorously for several minutes.

You will be simply delighted by the wonderful feeling of cleanness and exhilaration that follows this refreshing treatment.

Moreover, it is unquestionably one of the best treatments for dandruff—for preventing it, and for overcoming it once it has started.

Many hundreds of women have told us that since making Listerine a part of the weekly shampoo, their scalp feels better, their hair looks more attractive, and they are never troubled with dandruff.

Of course, if dandruff does get a start, it will be necessary to repeat the Listerine treatment systematically for several days, using a little olive oil in conjunction with it if the scalp and hair are excessively dry.

Listerine removes and dissolves the dandruff particles and heals and soothes the scalp. Also, if infection is present—and most dermatologists define dandruff as a germ infection—Listerine immediately combats it.

As you know, Listerine kills germs in 15 seconds; even the stubborn Staphylococcus Aureus (pus) and Bacillus Typhosus (typhoid) yield to it in counts ranging to 200,000,000—yet Listerine is safe to use. Lambert Pharmacal Company, St. Louis, Mo., U. S. A.

LISTERINE

kills 200,000,000 germs in 15 seconds

White House kitchen in the home of R. L. Jurden, Kansas City, Mo. Bryant Fleming, Archt. Cabinets in kitchen and pantry are golden yellow, in silence pantry walnut brown. Included in installation are flour bins, closeted towel dryer, special enclosure for refrigerator motor.

Pantry equipment includes silver and linen drawers, half-shelves in glassware cupboard for small glasses, electric plate warmer cupboard connecting with kitchen.

From Coast to Coast . . .

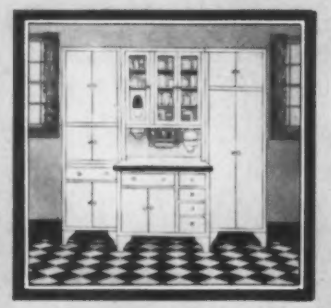
The Finest Homes Are WHITE HOUSE Equipped

For every climate STEEL is the *one, perfectly adapted* material for equipping modern kitchens and pantries. This beautiful, scientifically-made, complete line of STEEL dressers, closets, side units, tables and kindred pieces provide year after year of enduring service and absolute sanitation. Electric plate warmers, silver and linen drawers, tray and plate racks, cup hooks and Monel Metal pantry sinks are included in WHITE HOUSE installations. In spotless white or attractive colors. Write for gray catalog.

JANES & KIRTLAND, INC., 101 Park Avenue, New York
Established 1840

The WHITE HOUSE Line
TRADE MARK

is made of Steel!



You can also have WHITE HOUSE standard kitchen dressers, side units, broom closets, sink units and storage closets. Carried in stock for immediate delivery. If your dealer does not carry them, write for green booklet.

Aladdin's Lamp Of Legend

(*Continued from page* 91)

in the garage would operate the doors by means of the headlights; once the car was inside, a switch would render the cell inactive so that the lights of another car would not operate the doors. A microphone adjusted to respond to the horn would operate in the same way.

A cell in or near the front door would make it unnecessary ever to enter a dark house as finding lights within could be lighted before the door was unlocked. With an electric eye watching pilot lights on heaters, furnaces or refrigerators fuel supply to such units would be shut off by the cell immediately should the pilot be extinguished.

The lord of the manor could surprise his guests by pointing a flash light from the porch so its beam struck one cell after another, floodlighting, by turn, the rock garden, the electric fountain, the blossoming fruit trees and the chimney, or some other architectural feature of the house.

Cells can be mounted so as to scan areas where one may wish particularly to guard against fire, such as over furnaces and registers, fireplaces and space heaters, in kitchens and laundries, built-in garages, about incinerators, invalid chambers, nurseries, play houses. With an electric eye roving over an area a puff of smoke will put it into action, sounding an alarm and turning on water if desired.

When a room becomes filled with cigar and cigarette smoke it will not be necessary to open the windows—just light a cigarette, holding the match in line of vision of a cell; a tiny motor will start operating an ultra-violet unit and a fan hidden in the wall. In a few moments the air will be purified through ultra-violet energy, which is the best deodorizer known. Use perfume and an atomizer with the fan if you prefer.

THE EXTERIOR

By means of a portable microphone —a unit three inches in diameter, one in thickness, costing but a small sum —and loud speakers strategically placed about the house and grounds, dinner may be announced to guests in the garden, persons may be summoned to answer the telephone, the sundial may mysteriously address a friend, madame may from behind the coffee table give orders to servants without first summoning them, and so on, on and on. It is merely a matter of circuits. Speak at your "mike" or wink at your cell and a secret closet will open, the sprinkler will spray the lawn playing a tune the while, a flashlight picture will be taken. Given a relay or two and a couple of fractional horsepower motors, the home electrician will employ his cell and electric ear in one way after the other. He will give life a new dimension.

It is not difficult to imagine a time, and not a distant one either, considering the power these by-products give us, when all persons will carry a pencil-like gadget and employ beam broadcasting to satisfy all our wants. Even now we are on the way. Let us look at the grid glow tube, another result of radio.

This tube, developed by D. D. Knowles in the Westinghouse laboratory, is a relay that works without a moving part and sets up a current upon being approached. More sensitive than anything man has created, the glow tube can be adjusted so it will operate when one comes within a given distance. As a guardian of the built-in safe, the jewel case, costly garments, family silver, coin or stamp or other valuable collections, or the motor car it has no equal.

Suppose one of these tubes, with a two-foot sensitivity range, was behind a window drape; every time a person came within its range the sash curtain would be drawn back. The number of applications, useful and otherwise, is limited only by the imagnation. The grid glow, or glow discharge, tube seconds the photo cell, bridging the gap between the weak currents set up by the cell and the powerful currents required to operate mechanical relays.

GLOW TUBES

About one million photo cells would be needed to give as much current as a desk light takes. Glow tubes may replace thermostats as they can be connected so as to be sensitive to thermal changes, more heat-sensitive, in fact, than the thermostat. It may not be long before our boilers and humidifiers are controlled by glow tubes. Mr. Knowles is now perfecting the photo glow tube; it is expected that this by-product will do anything the photo cell and grid glow tube will do when in combination.

These by-product tubes are readily available, long-lived and not expensive. They make ideal servants and entertainers. They never forget, resign, go to sleep, drink too much, ask for wage increases; they are scareproof. They operate instantly in the face of an emergency. Their warning signals may be heard by police and fire departments as well as by those in the house. They can even be equipped to turn water on a fire or shoot a gun at a burglar.

As indicated, rooms may be perfumed and lighted by electric brain and muscle. By means of a recording device, a wax record or a movie film, a series of "canned" talks might be given as a dinner entertainment feature, each talk pointed in fun at a guest. Almost any desired series of events can be made to follow each other. In an invalid's apartment the selector-operator unit may almost serve as nurse, opening or closing windows, operating window shades, interior lights, controlling room temperature, the radio and the call bell.

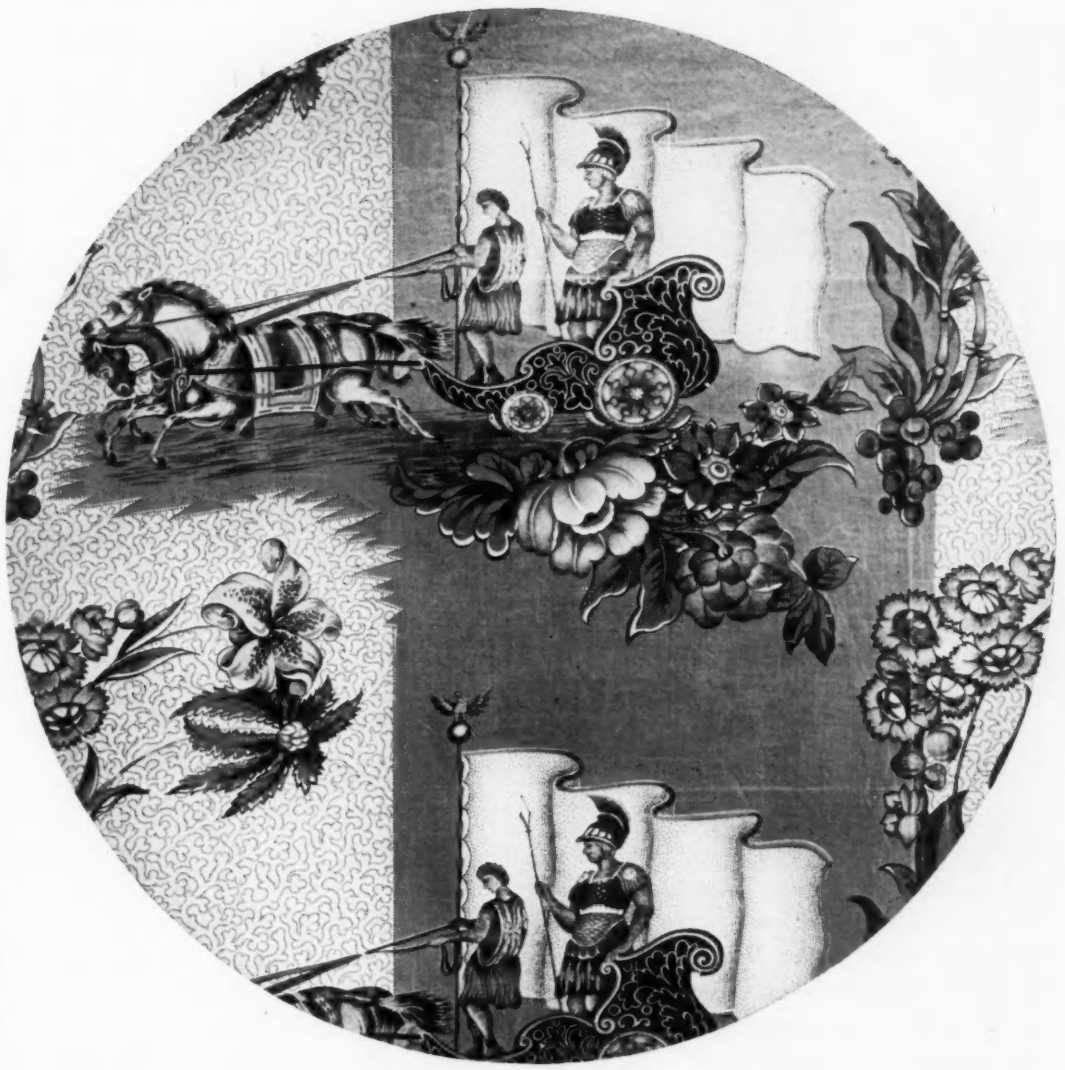
When a selector-operator and voice recording device are used in series with the telephone, messages may be taken when no one is at home. Also, through a special circuit orders may be given, over the 'phone, to the stove so that dinner may be cooked by the time the housewife returns from matinee or shopping; she may, by this system of remote control, order the windows closed should a shower occur during her absence from home.

The master clock and its companion program instrument, a unit seven inches square and four feet high, is

(*Continued on page* 148)

THE MELLOW COLORING OF AN OLD PORTUGUESE PRINT

COMES TO YOU IN THIS LOVELY FABRIC



PRIZED for their mellow coloring, their exotic patterns, no less than for their rarity, Portuguese prints are dear to every collector.

The extraordinary chintz presented here by Schumacher has the very qualities that make the old prints so fascinating.

Bold and captivating, the design is softened by the colors of the background—the warrior's chariot and the colorful floral design are charmingly disposed upon a blue-green field, with here and there glimpses of a parchment ground.

This pattern is semi-classical in feeling. But, just as the old Portuguese prints may be used in various decorative schemes, this fabric has a timeless beauty which makes suitable its use with any furnishings of soft wood tones and not too delicate in line.

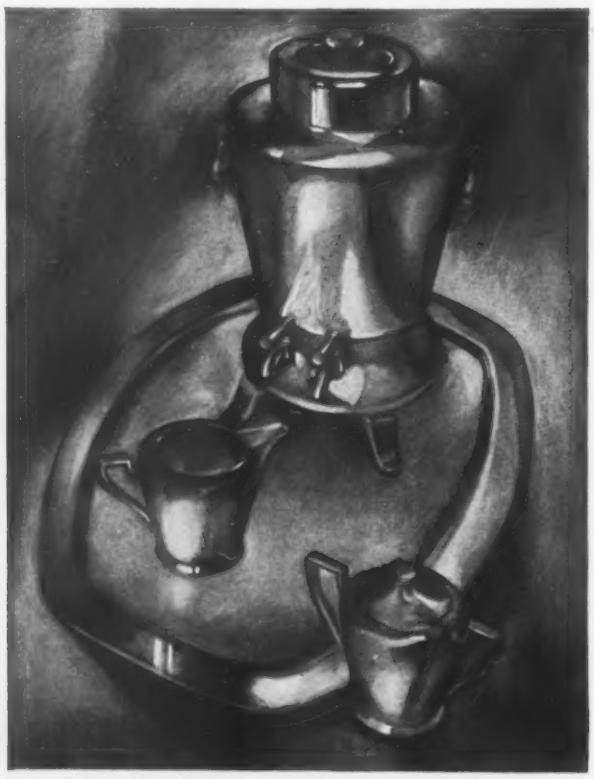
You will find in Schumacher collections fabrics for your every need—the best of contemporary designs side by side with authentic examples of historic periods. Your decorator will gladly obtain samples for you.

"Fabrics—the Key to Successful Decoration" —this generously illustrated booklet suggests a wealth of decorative possibilities for fabrics. It will help you to plan intelligently with your decorator—and to discover many new sources. It will be sent without charge upon request. F. Schumacher & Co., Dept. E-5, 60 West 40th Street, New York.

Importers, Manufacturers and Distributors to the Trade only of decorative drapery and upholstery fabrics. Offices also in Boston, Chicago, Philadelphia, Los Angeles, San Francisco, Grand Rapids, Detroit.

INSPIRED BY AN OLD DOCUMENT, THIS EXTRAORDINARY ENGLISH CHINTZ POSSESSES A TIMELESS BEAUTY WHICH ALLOWS A WIDESPREAD USE IN THE DECORATIVE SCHEME. ITS SEMI-CLASSICAL PATTERN OF EXOTIC DESIGN AND SUBDUED MELLOW COLORING COMES IN MAUVE, DARK ECRU, GREEN, RUSTY BLACK, CREAM AND PEARL.

F·SCHUMACHER·&·CO



The MENLO Siphonator—a gracious addition to your table service as well as a daily boon to your coffee. 9-cup Siphonator, sugar bowl, cream pitcher and heavy tray in beautiful chrome finish. Complete, $87.50. The Siphonator alone, $45.

Perfect, piping hot Coffee, *all the rest of your life—*

Clear, fragrant coffee . . . always *perfect*. . . always piping hot! Now, with the Edicraft Siphonator you may have coffee made by the healthful *drip* method—every day—and with as much speed and ease as with an ordinary percolator.

The Siphonator brews nine breakfast cups of delicious coffee. You may have your coffee black as midnight. . . or weak or medium, as you prefer. Out of the right hand tap comes the coffee . . . out of the left hand tap, piping hot water for diluting to taste—or for making tea. The coffee is kept hot, too, long after the current is turned off.

Massively-modern in design, the Siphonator is electric and its operating principle assures the production of uniformly excellent coffee *automatically*. With the Edicraft Speed Toaster (the double-slice, double-side automatic toaster) it makes breakfast a meal to be anticipated . . . not just one to be rushed through!

Edicraft products are sold by most good stores. They are created and manufactured in the Laboratories of Thomas A. Edison, Inc., Orange, N. J.

Edicraft Siphonator

TRADE MARK
Thomas A Edison

18th Century Cottage Ornaments

(*Continued from page* 142)

The deer was a very popular figure, made in many sizes and several poses, usually in pairs for the mantelpiece; some spotted, some plain. Fairly imposing as ornament but not too large to include on a tray of birds and dogs, hawked about, even to outlying farms outside the villages. On a painted wooden mantelshelf—they hardly ventured upon marble—they stood for a lifetime and more, for many of these pieces were made between 1850-70. Deer themselves were not unfamiliar sights through many a window, especially at sundown in late winter, and the farmer's wife—curiously it was usually the wife that craved ornaments, would glance from nature to art on her mantelshelf and be satisfied. For folk lore teaches us that the familiar thing is the beloved thing. The squirrel and the love-birds were familiar things just outside the house doors, and were popular molds with the plaster men.

But the formal pieces on pedestals, flattish bouquets, Classic urns, and scallop-edged fruit dishes, are more ceremonial and provoke new trails of thought. The plump fruits and their arrangement are a Netherlandish touch. In fact the Classic urn with its luscious contents was an art motif beloved of Flanders in the days of her great tapestry weaving, more favored in the declining 17th Century, however, than in the glory of her Renaissance splendor. The sumptuous borders of her 17th Century tapestries, especially those of Rubens, show solid swags of fruits and melons, overflowing cornucopias, and urns quite like this one. The Germans and the Dutch both loved the formal magnificence of such ornaments, usually in pairs, befitting a household of some importance. Dogs and cats and deer might be suitable for a little cottage or a farmhouse shelf, but a householder of substance wanted something solid and showy. The contents of these urns is notable because American. Here are the bright red tomatoes—the "love apples" of older days—grown in the garden for show and not thought edible in the 1830's or thereabout. Crested by a single lemon, the group meant something very different in the mid-19th Century from what it does today, for lemons, oranges, and bananas were strange and exotic sights in the Northern States, especially to all the inland towns and villages. The arrival of a small bag of oranges brought by some enthusiastic traveler was an event of extraordinary interest as late as 1855 in Ohio. For long years after that date, a lemon, an orange, or a banana was far more of a luxury in a dish of local fruit than a superb bunch of Hamburg grapes would be today. The exotic fragrance of a lemon in an American home was an extravagant indulgence even more significant than a Buddha's-hand citron in China, grown for the specific purpose, and placed perhaps in a precious jade dish or bowl on the table in an entrance hall, that its fragrance might fill the house. So the lemon cresting the urn of fruit and the orange topping the fruit dish take on a very different meaning to the eye that sees and the thought that follows the trail of yesteryear.

The dogs, especially the spaniel with head upturned expectantly, give us a flavor of the fashions of the 50's. No pampered Pekinese to-day is more up-to-date as to style and smartness than were these house dogs of Victorian days. Good watch-dogs, too, as the alert little clipped model shows, and no doubt with sharp little teeth that could snap effectively at the ankles of any rash intruder.

The mold makers of these ornaments covered a wide range of style and demand, as they did of price. A little bird in the Nadelman Collection is stamped 15c, which was perhaps the minimum. The largest piece could hardly equal the cost of an ordinary Staffordshire ornament, unless it included a clock or large watch as shown in the flat bouquet on its square molded pedestal; so that the least of them stood as the first available item of pure household adornment to American cottagers, especially those of Continental descent, when they first "got up to ornaments."

Aladdin's Lamp of Legend

(*Continued from page* 146)

yet another equipment that these radio by-products may function with; this should be a great comfort to husbands as it will remind them of certain birthdays and anniversaries, as well as keep all clocks in the house indicating correct time. When such a clock and instrument are coupled with a selector-operator set and a recording device, one may dictate instructions to stock broker, grocer, butcher, florist and other tradesmen while at breakfast and, at the appointed times, this versatile robot will automatically 'phone the messages to the proper parties. With a brain at home which is telephone responsive one may literally be in two places at once.

Care Of Rugs And Carpets

(*Continued from page* 125)

inch thick over the entire surface of the carpet. When the house is opened for occupancy, it is only necessary to give the rugs and carpets a thorough vacuum cleaning so as to remove the camphor and they will be ready for use. Moths will never damage floor coverings which have been treated in this manner. However, if you have been neglectful and find moths are making themselves at home in your carpets, have them taken away immediately to be given a warm naphtha cleaning, as this treatment will destroy all the eggs

W.

"I see by the papers ..."

IT is becoming almost a feminine fashion to explain to the apt-to-be-forgetful male that Schrafft's chocolates and candies—once sold only in the thirty-six Shattuck-owned Schrafft's stores—are now being sold by Schrafft's dealers in cities and towns throughout the country.

A subtle reiteration of that bit of good news usually produces immediate as well as tangible results!

But should it fail—then we suggest more stringent measures. Just stop wherever you see the name Schrafft's and personally purchase a box of these delicious candies!

D'or Elegant
Diminutive chocolates in a handsome metal box. ..... $2.00 a pound.

Chippendale
Small pieces with choice centers of many kinds. ..... $1.50 a pound.

Jolivet
Assorted creams, caramels and nut pieces. ..... $1.25 a pound.

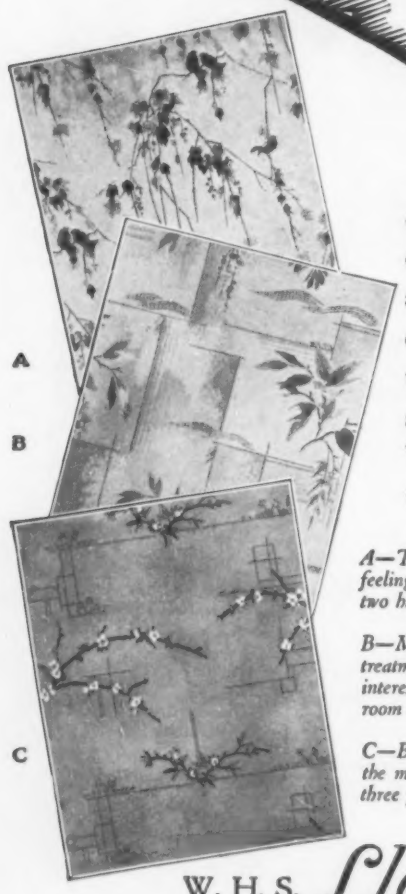
Plain
Chewy and cream centers. An unusual value. ..... $1.00 a pound.

SCHRAFFT'S

Chocolates and Candies

W. F. SCHRAFFT & SONS CORPORATION · OWNED AND OPERATED BY FRANK G. SHATTUCK COMPANY

DECORATING BECOMES A PLEASURE!



Lloyd Imported Wallpapers offer such an alluring choice of style designs and stunning color combinations that it is a real pleasure to look through the Lloyd sample books and make a selection. Your dealer or decorator will be glad to show you the latest Lloyd papers.

A

A—The Virginia Creeper—There is a modern feeling in this lovely design, which is offered in two harmonious color combinations.

B

B—Modified Modern—An unconventional treatment of the figures gives this paper unusual interest and distinction. It is suitable for a bedroom or living room.

C

C—Blossom Time—A charming new paper in the modified modern manner. It is offered in three pleasing color combinations.

W. H. S. *Lloyd* CO. INC.

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FOR OVER FORTY YEARS IMPORTERS OF GOOD WALLPAPER

A stone-walled and floored porch is certainly a most inviting place to spend mid-summer afternoons. Reed chairs and a decorative iron plant-holder are its appropriate furnishings

Advice On Porches And Terraces

(*Continued from page* 92)

comfortable and attractive pieces in decorative iron merit consideration. Especially appropriate are the iron tea tables with tops of glass or Moorish tiles and with a pot of trailing Ivy inserted in the base. Chairs may have rush or cane bottoms if these are preferred to the spring iron seats, and special designs may always be suited to a particular decorative scheme. Then there are the ingenious folding chairs of hand-decorated wrought iron with their brilliant colors and tapestry backs which fold flat into no space at all and come forth in all their charm at the call of an impromptu rubber.

And what is a porch without plenty of cushions—linens, plain chintz, taffeta, striped cotton, plain cotton, figured prints, oilcloth, leather—the magic touch of summer is imprisoned in these gay and colorful fabrics which turn the most formal of us into a lounging, friendly human being. A wealth of lovely and appropriate designs confront the seeker after outdoor color schemes.

Many are the conveniences offered by enterprising manufacturers to add still greater ease to out-of-door living. A decorative cabinet reveals a telephone extension, especially welcomed by the convalescent; electric outlets permit of breakfast or luncheon out-of-doors, and stout based lamps defy windy squalls and furnish adequate reading lights. Distinction is added to any porch by delightfully designed iron brackets holding lots of Ivy. Or old wine bottles have been covered with woven honeysuckle and serve the same graceful purpose. *Insouciant* iron animals prevent doors from swinging unexpectedly and at the same time provide an interesting element of decoration.

A flower table on the porch is a joy to the garden lover, its tiled or glass top making an ideal place for the arranging of the house flowers. Where a wall fountain or tap carries the water direct to the ceremonial spot and the stone floor defies too enthusiastic filling of vases, the flower devotee's cup of joy may be said to literally overflow.

So in furnishing the porch we aim to carry out the decorative scheme, to be comfortable, adequate and individual as well as in harmony with the architecture of the house. It must represent perfection of detail unobtrusively cared for to provide the relaxation needed in our vivid lives.

Decorated Executive Offices

(*Continued from page* 132)

ceiling trim. The lighting fixtures are made of black and white glass on chromium metal frames.

Another example of an office furnished with period furniture may be seen at the bottom of page 132. This is the private reception room in the office of Carle C. Conway, decorated by Henri Courtais. Reinhard & Hofmeister were the architects. The problem here was to make the room as comfortable as possible without losing any of the strength and character necessary in a business room. Walls paneled in oak provide a virile background. A large Jacobean table and court cupboard, both of oak, add their solidity to the room. William and Mary chairs mingle with those of the Queen Anne era. A red velvet settee harmonizes with the soft green tapestry, the crewel embroidered curtains and the red and green brocades of the chair coverings, all combining to make a restful and dignified room.

All of the offices shown in the accompanying photographs, particularly those furnished in the 20th Century taste, tell the story of the happy relationship that now exists between art and industry. This is due to the close coöperation of architect, designer and decorator, often one and the same person, with the manufacturer; as a result each gains a better understanding of the other's problems.

AMERICAN WALNUT, THE TREASURE WOOD OF ALL THE WORLD

Secretary by Kittinger Co.

Walnut's Charm in Colonial Designs

Throughout Colonial days when American furniture craftsmanship attained such heights of taste and excellence, native American Walnut was the peer of woods. Connoisseurs rate some of the walnut furniture fashioned along the banks of the Delaware as the outstanding examples of 18th Century cabinetwork. Today, an increasing number of the best manufacturers are reproducing these early masterpieces with charming fidelity. But with the added advantage that any of the Colonial pieces may now be made in the native walnut which was so loved by the Colonists, where in the olden days poor transportation forced many a local craftsman to forego walnut and employ some less beautiful wood because it was readily available. Walnut's depth and warmth of color with its gracious and ever-varying interest of figure is a fitting complement to the simple charm of Colonial furniture designs.

American Walnut Manufacturers' Association
Room 2414, 616S. Michigan Ave., Chicago, Ill.
Please send me, without charge, your brochure on the use of walnut in historic furniture designs

Name ----------

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AMERICAN WALNUT

A NEW INSTRUMENT by CAPEHART

that Electrically Reproduces

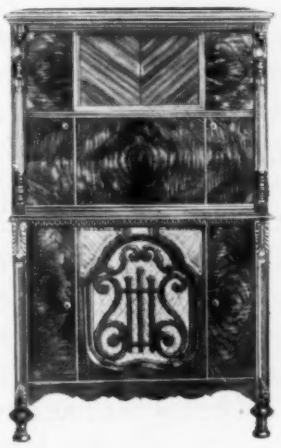
CONTINUOUS PROGRAMS OF RECORDS

Just Sit and Listen!

The Capehart AMPERION *turns and changes* RECORDS *like Unseen Hands*

RADIO in Combination if You Wish

Let this music marvel of the age bring joy and culture to your home. Let this revelation in tonal beauty provide continuous programs of records for young and old. Let this new creation entertain you and enrich your life.



HERE indeed is the last word in music for the home! A magic instrument that plays for hours without attention; and stops only at your command.

Choose what you will: opera, symphony, the newest dance music, you have but to make a quick selection from standard records . . . and The Capehart Amperion will play for you all evening without attention. And with a superb life-like tone, electrically reproduced. Radio, if your mood prefers, at the mere pressure of a finger.

Music dealers will be pleased to demonstrate The Capehart Amperion and to show you the almost human mechanism that turns and changes records while you sit and listen to a program of your favorite records!

Capehart
AMPERION

THE CAPEHART·CORPORATION, FT. WAYNE, IND.

This is

the famous cushion that makes your rugs so soft.. *and also doubles their life*

GUARANTEE Ozite Rug Cushion is sold under the strongest possible guarantee of absolute satisfaction . . . Ozite Rug Cushions come in all sizes, taped and bound on all edges with an easily identified orange taping. Ozite is permanently moth-proof.

Of course you've heard of Ozite Cushion—but do you know how inexpensive it is?—that it saves its own cost?—that it protects your rugs from wear?—that it gives any rug the rich feel of an oriental?—that it's fine for old rugs as well as new?—that it is sold and recommended *all over the world*? . . . Enjoy Ozite in your home now, and let it preserve your present rugs from wear. Your nearest dealer carries Ozite—he will tell you other interesting facts about this remarkable product.

And write today for a really helpful booklet on the care of rugs, including information on stain removal. Sent free.

CLINTON CARPET COMPANY, 130 N. Wells Street, Chicago, Illinois
Please send me a Free sample of Ozite Rug Cushion and your free booklet, "Things You Should Know About the Proper Care of Rugs and Carpets."

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Ozite
Rug Cushion

PAT. SEPT. 9, 1924
(*American Hair & Felt Co., Mfrs.*)

shadowless light ends eye strain

OLD
Old-fashioned lighting methods subject your eyes alternately to glare and shadow. This necessitates constant re-adjustment of the pupils, resulting in eye strain.

NEW
Luminator floods the entire room with shadowless, glareless light. Thus the pupils of your eyes remain fixed, enabling you to use them indefinitely without tiring.

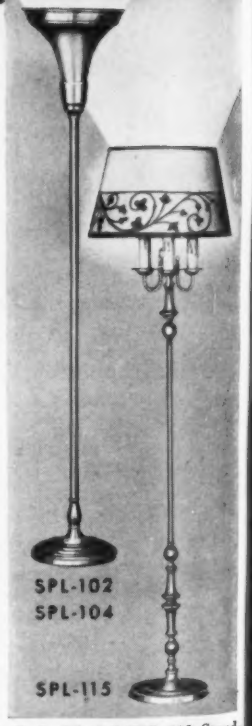
● Glare and shadow . . . the two major causes of eye strain . . . are completely eliminated by this amazing new lighting device. Called Luminator, it throws its rays against the ceiling, which reflects them to every corner of the room and causes it to *glow* with shadowless light.

And what a soft, mellow, flattering light it is! Nothing in the room is glaringly illuminated, yet nothing is in shadow. Luminator enables you to read or play cards hour after hour without visual fatigue. Its light, though abundant, is indescribably restful.

It isn't necessary to move Luminator about like a bridge lamp, as it diffuses ample light to every part of rooms as large as twenty by thirty feet. The source of the light is entirely concealed, no matter where you stand or sit.

We guarantee Luminator to delight you or the purchase price will be refunded. Write for Catalog D, which pictures other Luminator models of smart design and fine workmanship. LUMINATOR, INC. (Albert L. Arenberg, President), 851 W. Washington Blvd., Chicago. New York Branch: 11 W. 42nd St.

If Luminators are not carried by your interior decorator or gift shop, order direct from us



Left: **Model SPL-102, Standard Luminator in Green, Black or Ivory finish, $17.95. Model SPL-104, Standard Luminator in antique English brass finish, $28.50.** *Right:* **Model SPL-115, concealed-type Luminator in polished English brass finish, decorated parchment shade, $52.50. Prices include bulb and delivery. Slightly higher in distant states.**

LUMINATOR

Protected by patent and patents pending. Trade mark registered

BEAUTIFIES—ELIMINATES EYE STRAIN

Now you can have crisper vegetables and better salads . . For today Frigidaire is equipped with the HYDRATOR

A new moist-air compartment that makes vegetables crisp, firm and delightfully full-flavored . . . Mail coupon for our new free salad recipe book today

The "Cold Control"

THE new Frigidaire Hydrator freshens your vegetables with the magic effect of chilly dew on a growing garden. It makes celery crisp and tender—lettuce fresh and brittle—tomatoes firm and full of flavor. And it does more than that. It makes it far easier for you to prepare vegetables for the table.

No longer need you go through your refrigerator selecting vegetables and salad materials first from one shelf and then another. Now you can keep *all* your celery, lettuce, tomatoes and similar vegetables in this new Frigidaire Hydrator *ready for instant use.*

Every household Frigidaire is now equipped with the Hydrator. In addition, each new model has the famous "Cold Control"—a device that speeds the freezing of ice cubes and desserts.

Frigidaire also has the extra power that insures dependable refrigeration regardless of kitchen temperatures. And every household cabinet is both practical and beautiful. All have convenient elevated shelves. All are lustrous, rust-proof Porcelain-on-steel inside and out—as easy to clean as chinaware.

See these important features. See how they save time, work and trouble. Call at the nearest Frigidaire display room at your first opportunity.

New salad recipe book now sent free

We have just prepared a special salad recipe book which also gives full details about the Hydrator. The recipes are new and different and the facts about the Hydrator are interestingly told. May we send you this book with a copy of the new Frigidaire catalog—free? The coupon will bring both books without the slightest obligation. Frigidaire Corporation, Dayton, Ohio. In Canada, 1604 Sterling Tower, Toronto, Ontario.

FRIGIDAIRE CORPORATION,
Subsidiary of General Motors Corporation,
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Please send me your new free salad recipe book and the Frigidaire catalog.

Name.....

Address.....

FRIGIDAIRE

Electric Refrigerators for Homes, Stores and Public Institutions . . . Electric Water Coolers for Homes, Stores, Offices and Factories . . . Ice Cream Cabinets . . . Milk Cooling Equipment . . . Room Coolers

Rare colors to inspire the hostess of today

When you see this new Alexandrite glassware by Heisey, you are struck with the wonder of its soft, elusive radiance. Tinted like some rare orchid petal or the fleeting glow of the sapphire, it is an American triumph for exclusive American tables. The lovely items shown in Alexandrite in the adjoining photograph are selections from the complete table services obtainable now in this fascinating color.

The new Sahara golden yellow illustrated above by means of color photography, also comes in complete services. The designs, too, are original and smart.

For other glassware suggestions, write for copy of illustrated booklet.

LOOK FOR THE

ON EVERY PIECE

embossed on the glass or on adhesive label

And the exquisite Sahara color, with its sprightly gleam of gold, opens another door to delightful hospitality. For its vivid shading belongs to itself alone, bringing a charm that you prize more and more.

For the discriminating hostess the name Heisey has long meant superb glassware. Voguish designs in brilliant crystal or popular colors like Flamingo and Moon Gleam, have made Heisey ware the correct ware for smart entertaining. And now to them are added these new distinctive colors. Ask to see them at your department store, gift shop or glassware store.

A. H. HEISEY & CO., NEWARK, OHIO

Heisey's

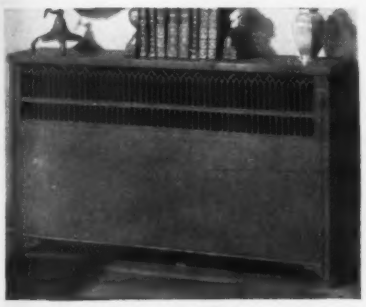
GLASSWARE *for your table*

Glass Perfected through the Secrets of 4000 Years

The Arabians a thousand years ago were so skillful in giving color, beauty and ornamentation to glass that Damascus, then a center of their flourishing empire, became as famous for its glass as it was renowned for its swords. The secrets of the Arabian Masters and the secrets of other craftsmen live on in fine glassware by Heisey, brought down through the ages for you.

Cheltenham-Eton No. 246

You Will Never Be Satisfied Until . . .



Devon No. 100

"When you think of new effects for your home your thoughts turn naturally to new draperies, new wall paper, new furniture . . . But you will never be satisfied with the effect you secure until you conceal those ugly, old-fashioned radiators."

And when you study the average American home, who can question the accuracy of the above statement? It is such a simple thing to conceal old-fashioned radiators and, in so doing, add immeasurably to the charm of a home. Hart & Cooley radiator enclosures offer the simple means. Not only will you find them truly decorative pieces of furniture, but because they are designed and constructed by men with long experience in the heating field, they are truly efficient. Their air-insulated tops make them practical as window seats or tables. They can be relied on to direct efficiently humidified air into the room at the "living level".

Unlike less sturdy enclosures, they will not give under heavy weights, due to their bolted angle iron construction. Adjustable rubber-tipped feet prevent the slightest rattling and guard against scratched floors. Then, of course, they can be absolutely relied on to protect walls and hangings against radiator smudge—a big saving in redecoration expense.

Hart & Cooley radiator enclosures can be obtained in a wide variety of designs—in sixteen beautiful colors and twelve natural wood grain effects. If you will fill in and mail the coupon below, we will send you, gladly and promptly, an interesting and well illustrated booklet which will give you full details.

Mail This Coupon TODAY!

THE HART & COOLEY MANUFACTURING CO. H-2
Hart & Hutchinson Co., Successor
NEW BRITAIN, CONN.

Gentlemen:

Please send me booklet illustrating your radiator enclosures and name of your nearest dealer.

*Name*_____

*Address*_____

THE HART & COOLEY MFG. CO., NEW BRITAIN, CONN.
EXPERTS IN HEATING EQUIPMENT FOR 25 YEARS

Is the Kitchen your "OLD-FASHIONED" ROOM?

YOU have other electrical servants, of course . . . for washing, ironing, cleaning, refrigerating, sewing, etc. So why continue doing the work that requires more time than all other household tasks combined . . . with hand operated tools like your grandmother used?

KitchenAid prepares food *electrically* . . . does all of the tiresome and time-consuming tasks of getting 1095 meals each year . . . better, quicker and much more economically than old-fashioned kitchen utensils.

There is no "guess-work" about KitchenAid . . . recipes always turn out the same . . . new menus constantly invite trying . . . there are fewer utensils to wash. Its three speeds . . . for "whipping", "beating" and "folding-in" achieve results superior to hand methods.

KitchenAid . . . reasonably priced, dependable and simple to operate . . . is now indispensable in many thousands of homes, and its nominal monthly payments are regarded as very small wages for such an efficient servant.

Mail the coupon below. We will promptly send you descriptive matter . . . without obligation, of course.

More Than A "Mixer", A Complete Food Preparer, KitchenAid—

Beats eggs (1 or 10), icings, batters for cakes, waffles, etc.

Whips cream (little or much)

Mixes dough for bread, rolls, biscuits, pies and pastries

Strains fruits for butters, jellies, sauces

Sieves vegetables for soups and purees; pumpkin, etc.

Slices potatoes (thick or thin) vegetables, firm fruits

Chops meats (cooked or raw) nuts, raisins, figs

Freezes ice cream, sherbets and other frozen dainties

Grinds coffee and cereals

Shreds and Grates vegetables, cheese, cocoanut, chocolate, etc.

Extracts juice from oranges, lemons, grapefruit

Makes mayonnaise, candies, fruit whips, applesauce (without paring or coring)

Chips Ice
Shreds Cabbage
Mashes Potatoes
Creams Butter

All these things—and many more

The KitchenAid Manufacturing Co.
902 Olive Street **Troy, Ohio**

Subsidiary of The Hobart Manufacturing Co., Mfrs. of mixers, peelers, slicers, mills and choppers for kitchens and stores.
Sales agencies in principal cities—consult telephone directory. Distributing agencies: 173 King St. E., Toronto, Canada; 38 Charterhouse St., London, E. C. 1, England.

KitchenAid
REG. U.S. PAT. OFF.
Electrical Food Preparer for the Home

The KitchenAid Manufacturing Co., 902 Olive St., Troy, Ohio.
Please send your pamphlet "Extra Help in the Kitchen" to:

Name_____
Street_____
City_____ State_____

(136)

Eleanor Beard Inc.

Hand Quilted Things

For the house that's brightening up with fresh touches, or the summer home soon to be opened, Eleanor Beard has created many delightful new things—gay cotton Quilts, bright little Pillows, silken Coverlets, decorative Chaise covers. With their fine hand quilting done by skilled Kentucky needlewomen, these luxurious necessities combine old fashioned charm with smart, modern distinction.

The Eleanor Beard Appliqué Quilt, illustrated, is made of all sunfast gingham and launders perfectly.
(72" x 108" cut.) *All colors. $32.50*

STUDIO "HEDGELANDS" HARDINSBURG KY.

NEW YORK 519 Madison Ave · PASADENA 41 So. El Molino Ave · SAN FRANCISCO 699 Sutter Street · CHICAGO 671 N. Michigan Blvd · DETROIT 236 Book Bldg · SANTA BARBARA 24 de la Guerra Studios

How To Paint And Stain Furniture

(*Continued from page* 127)

powdered pumice and crude oil to produce a dull finish. In rubbing, a piece of rubbing felt soaked in the mixture is used and applied with the grain. A simpler process is to lay a first coat of varnish according to previous directions, followed by a coat of dull varnish or rubbed effect varnish. As an alternative to varnishing, the furniture may be stained, coated with three coats of shellac, and rubbed with prepared wax.

In many rooms the colored lacquers and enamels are most effective on furniture. Quick drying enamels which need from four to six hours only, and brushing lacquers which dry in from twenty minutes to one hour, have lately been perfected to a degree where they are quite satisfactory. The old fault of quick drying enamels was that they did not always justify the name, or when they did, their capacity for speed applied to disintegration as well as to drying. Reliable manufacturers have largely overcome both these faults. Brushing lacquers, were inclined to dry too quickly and possessed a penetrating odor. These faults have also been corrected.

Two or more coats of paint are usually needed to obtain the best results. In the case of lacquer, both coats may be the same. In using enamel paints it is most important to read the directions of the manufacturer regarding a suitable undercoat. It may be a flat undercoat made especially for enamel, or split enamel made of flat undercoat and enamel combined. With either, the object is to fill the wood and keep the enamel from sinking in and losing its gloss.

If the furniture is to be ornamented with a painted design, this should not be put on until the surface is very hard. A good thing for the amateur to avoid is striping. A contrasting color may easily be introduced, however, along the edges or in portions of the turning on legs and arms of chairs. It may be put on carving and the raised portions and wiped with a cloth to give a soft, uneven look.

When old furniture is to be refinished or repainted the surface must be carefully prepared before the new paint is applied. It is sometimes worth while to use the paint remover and muscle necessary to remove the old paint entirely, particularly when a piece of fine old wood has been lost beneath coats of opaque paint. But usually such jobs are left to a professional. If new paint is to be put over old, the surface should first be thoroughly cleaned by washing and rubbing with turpentine. Sand paper or fine steel wool may be used to remove the gloss. If the color is already right and there are no serious blemishes, a clear varnish will serve to freshen the furniture. If there are mars or scratches, or if it is desirable to change the tone, a varnish stain should be used, or a stain followed by varnish as on unpainted furniture.

One difficulty which sometimes arises in using light enamels over wood stains, particularly mahogany stains, is known as bleeding. The original color mingles with the new paint and tints it. It is a good idea to experiment on a small section of the piece, and if a tendency to bleed is noted, a coat of white shellac, or aluminum and shellac mixed, may be used as a sealer before the upper coat is put on.

A few general rules to remember are to read and follow directions intelligently, to use good brushes and to inspect a finished piece quite thoroughly while it is still wet. Sagging is sometimes discovered too late, and it is a common fault, particularly below the edges of a flat surface. Work in sections and watch out for sags as you go along. The paints mentioned here are all made for use indoors or on sheltered porches. For garden furniture which must withstand the elements, there are outdoor enamels.

New Conveniences For the House

(*Continued from page* 112)

There are no fumes, no flames, no vent flues or fuel to handle in a new hot water by wire system. No playing janitor to the water heater, but all the hot water needed as hot as desired.

This latest unit maintains any one of three water temperatures automatically. Snap a switch to low, medium or high and when the water is warmed to the desired degree a built-in watchman turns off the current. This guardian also protects against over-heating and holds the temperature in the insulated tank at a given point. The tank is covered with a trim gray lacquered jacket that may also be had in green, buff or blue. The device is declared not to interfere with radio reception. It comes in 20, 30 and 52 gallon sizes.

Completely wired strap-on units with thermostat may be had to electrify existing tanks if they are 12 or more inches in diameter.

PACKAGED SIDING

Beveled red cedar siding for houses, stained any desired hue, is now packed by the square (100 sq. ft.), trade marked and packaged. It sells for about the same price as stained shingles per square. Sufficient stain for touching up is sent with each order.

Stained on all sides, making it impervious to weather, this siding is attached with rust-proofed metal anchors which are claimed to hold each piece firmly to another, minimizing air openings, keeping the siding in proper position after laying and eliminating rust streaks.

The resultant wall is without visible surface nail holes, hammer scars or splits. There is no countersinking of nails, no puttying of nail holes. The anchor, we are told, has made the use of stained siding practical.

Each piece of siding is separately treated with pine oil stain, then brushed. Only the best grade of clear cedar is used. The siding is obtainable in these sizes: ½" by 6" and by 8"; ¾" by 8" by 10" and by 12". Colors to match samples made without further charge. Anchors, 500 to the carton, are extra but reasonable.

THE ANTELOPE RIDER

The fire of primitive art is given classic serenity in this rare vase. The forms are simple, vivid, eternal . . . born of the same art impulse as the rock-scratchings in pre-historic caves.

The colors themselves are of the wild tropics . . . old ivory, filched from the shoulders of marching black men . . . burnt orange, wrung from the flesh of sun-scorched fruits . . . deep black, dipped from the midnight waters of the Congo.

Here is a vase you will own throughout the years with an ever-growing appreciation of its mystic loveliness. The price is but a hundred dollars. The height is fourteen inches.

Rookwood pieces of enduring quality will be found at the following stores:

Tiffany and Co., Jewelers, New York City; Frederick Loeser and Co., Inc. Brooklyn; Kayser and Allman, Philadelphia; Shervee Studios, Inc., Boston; Dulin and Martin, Washington; Hutzler Brothers, Baltimore; Marshall Field and Company, Chicago; L. B. King, Detroit; Brock and Co., Los Angeles, Calif.; Lipman Wolfe and Company, Portland, Oregon. A store of similar quality represents the pottery exclusively in your city. We invite your direct inquiry.

Rookwood Pottery

Cincinnati

THIS MARK
IS ON EVERY PIECE

Meet the HAPPY-GO-LUCKIES

It gives us great pleasure to present the twelve Happy-go-Luckies, the most amusing place cards that ever graced a sophisticated dinner table. Don't you like the way the cigarettes actually form part of the picture? Do you see that they make the legs of the little bathing girl below . . . and that a match makes her parasol stick?

How can you get them? You'll be pleased to know that there's one tucked in every flat fifties tin of your favorite cigarette . . . Luckies, of course. Start now—and you won't be happy until you get a complete set of twelve.

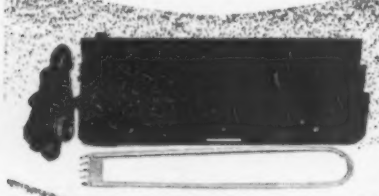
"It's toasted"

Your Throat Protection—
against irritation—against cough

HELPS *for your* Summer Home

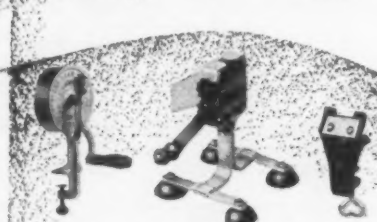
Each ready to lighten the work or increase the fun in your house or garden. Some save toil, some save time . . . all are interesting, distinctive . . . like the hundreds of other things offered by 'The House of Fine Housewares'... aids to housekeeping, gardening, and entertaining you won't find elsewhere.

Utility Box
Contains the seven essential tools for household odd-jobs, with a generous assortment of hooks, thumb tacks, nails, screws, etc. . $7.75
Saves so much bother, and helps keep things ship-shape.



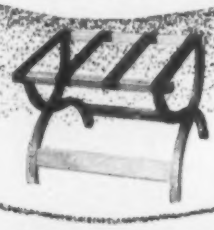
Electricutter
Just place Electricutter on ice, turn on current, and you get a dozen perfect ice cubes in five minutes! In dark porcelain enamel, complete with chipper $4.50

3 Wonderful Aids
Bean slicer—Turn the crank, and beans emerge thinly sliced. $2.00
Pea huller—Feed peas into rubber rollers, turn crank. $1.25
Bean stringer—Simply slide bean across the safety blade . . $.60

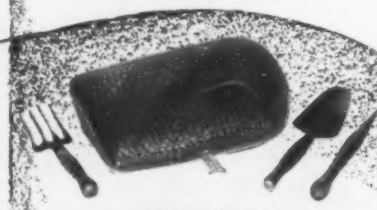


Rice Ball
In this ball, rice cooks to suit connoisseurs. Each grain becomes deliciously soft and flaky, and is drained fluffy dry when ball is lifted out and hung up. Of aluminum, 6 in. diameter. $2.25

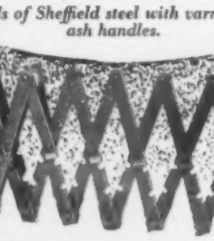
Garden Hose Faucet
A very gay touch for your garden or lawn. This dove-handled water faucet (interchangeable with ordinary faucet) is finely made of highly polished brass. . $7.50
Comes also in bunny, dog, horse, chanticleer and elephant designs.



Luggage Rack
Holds bag or small trunk for packing—or tray for bedside breakfasts. Size closed, 7" 23" 22". Mahogany, walnut, white or ivory $7.00
Lacquered, any color . . $8.50
Indispensable in the Guest Room



Kneeling Mat
Made in England of Chinese rushes; padded with water-proof bottom. $1.50
Trowel or fork, 12 in. over-all . $.95
Trowel or fork, 20 in. over-all . $1.00
Dibbler, 13 in. over-all . . . $.55
Tools of Sheffield steel with varnished ash handles.



Accordion Hanger
Keeps frocks or suits neatly, in little space. Fastens with two screws to wall or door. Holds 20 hangers. Height, 8 in. Pulls out to about 36 in. Closes completely. $2.25
All metal, nickel dipped.

Send check, money order, C. O. D. instructions, or charge account references.
Delivery prepaid within 100 miles—to points beyond, charges collect.
(Write for our folder G "SMART HOUSEWARES")

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Near Lexington Avenue ~ Phone: VOLunteer 4700

House & Garden's Bookshelf

OLD DOC LEMMON. By Robert S. Lemmon. Minneapolis: The Midwest Company.

OLD Doc Lemmon has been a monthly contributor to *House & Garden* for so many years that to make even a gesture toward introducing him to the readers of this magazine would be just about the height of presumption. Wherefor these paragraphs shall be solely in the light of impressions of his new book, which after all is equivalent to knowing the old man personally.

I have just finished reading *Old Doc Lemmon*. With the poignancy of it still pervading me, I hardly know how to analyze it or what words to use in an attempt to convey a realization of its rare quality. The temptation is strong to say simply "Read it!" But that would be dodging the responsibilities of a reviewer. I shall have to try and be coherent.

If you can imagine a combination of *Eben Holden* and *David Harum*—the concentrated essence of such a combination, rather—you will get a fairly good idea of what this little volume is like. It can't be called a novel, yet there runs through it a thread of such vital humanness that when the final knot in the theme is tied it somehow is tied to your own heart-strings. No one could say that it is just humor, or rustic philosophy, or description, or pathos, or satire, yet it has the qualities of all these. It is no more a collection of country essays than it is a biography of a pioneer American family, but both descriptions have their application. We defy you to classify *Old Doc Lemmon*; we challenge anyone with a spark of sincerity and human appreciation to fail to enjoy it.

Lest there be any misconception of the tenor of the book, let it be said that it is Old Doc Lemmon as the readers of *House & Garden* have come to know and love him. Dialect, viewpoint, range of comment, insight, descriptive power—the old man himself, developed and rounded out with consummate skill. Human nature in contact with Mother Nature. A book that brings the tastes and sights and smells and sounds and doings of the back-country and lays them in your hands. A book that in itself is a perfect escape from the trivialities and worries and artificialities which so clutter most of our lives today—the sort of thing that you read and re-read, and then place where it will be handy to pick up at odd moments again and again.

These are high praises. Well, I should like to make them higher! If *Old Doc Lemmon* doesn't prove more outstanding than even these lines suggest, then as a book critic this reviewer at least should make a highly successful button salesman.

—L. R. U.

CHRONICLES OF A COUNTRYMAN, by Walter A. Dyer. New York: Ives Washburne.

IN modern times there has been a strong trend of population toward the cities. This has been counteracted to some extent by a newly awakened interest in gardening and appreciation of the charms of life in suburbs that give relief from the congestion of large cities. Now there appears, in this volume of Mr. Dyer's, expression of the genuine contentment that it is possible to find in simple life on the farm. He seems to succeed in his effort to show people that the happiest life in the world is on an American farm. Would that his story might be read, along with all that the governmental agricultural experiment stations and books on scientific farming are endeavoring to teach every young man and woman on an American farm. But it is nice reading for any one, for, while it is sincere it is not too serious in tone. Though the drudgery of chores and the other labors without which all real men and women can not respect themselves are not minimized there is genial and even gay philosophy and there are entertaining character sketches. At least the city man who reads will find some of that refreshment of spirit that is alluded to by the old story of Antaeus. For can we not think that Hercules is the grip of the big city which catches hold of the child of the Earth to strangle him? If he only could resume contact with Mother Earth every time he is thrown he would not finally be strangled. But Mr. Dyer appears to allow the reader only to assume that his helpmeet, who also, strange to say, enjoys life on a farm, has her drudgery minimized by the many mechanical inventions without which the farmer's wife used to slave.

—F. B. M.

OLD PATCHWORK QUILTS AND THE WOMEN WHO MADE THEM, By Ruth E. Finley. Philadelphia: J. B. Lippincott Co.

THIS is the book we have been waiting for. It is not a detached study of pattern and examples, but a lively vibrant record of woman's life and handiwork in the embellishment of such essential household comforts as our Early American quilts. More than this, it is charmingly written, witness the anecdote of the Ohio pioneer who laid down his gun for a moment to pick an early Mandrake for his sweetheart and had to shinney up a tree to escape a bear, all this is evidence in the naming of the pattern known variously as "Bear's Paw", "Duck's-Foot-in-the-mud", and "Hand of Friendship".

There are 96 full page plates, each illustrating an entire quilt, technically so excellent that the finely quilted pattern done with thread and needle in the background, can be accurately followed in every instance. The little sketches too are fascinating, and there are 100 of them.

This book tells the origin of quilt names and the migration of their patterns. It explains just how they were made and gives details about the quilting bee which long preceded the bridge party as the chief lure of womanhood. "In small cities and villages it became at length an affair often heart-burningly exclusive; or, unless more than one quilt was put into frames at a time, and this was not the custom save at big rural gatherings, only twelve women at the most could be invited. Even three working on a side were

(*Continued on page* 176)

Rolscreens
TRADE MARK

The finest window screens « « « « you can buy

Rolscreens are typical of the luxury, beauty and alluring conveniences of the modern day.

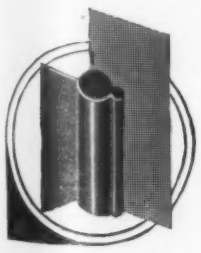
Because Rolscreens are permanent—built in the windows to stay—they require no fall storing or spring re-hanging. This is a great saving of labor and expense, and no storage space for screens is needed.

Easily Rolscreens are rolled up out of sight and protected whenever the windows are closed, summer or winter. When it is desirable to open the windows during cold months Rolscreens may be lowered to protect costly draperies from smoky and soot covered sills.

The efficiency of Rolscreen manufacturing produces the finest window screens obtainable—and the prices are surprisingly low.

All good, proven products have imitators. Insist on the genuine trade marked

Rolscreens
TRADE MARK



A section through guide showing lug in selvedge of screen wire which prevents sagging. A "non-sagging" feature found only in Rolscreens —Fully Guaranteed.

Fifteen Patented Features of Rolscreens are essential to practical rolling window screens.

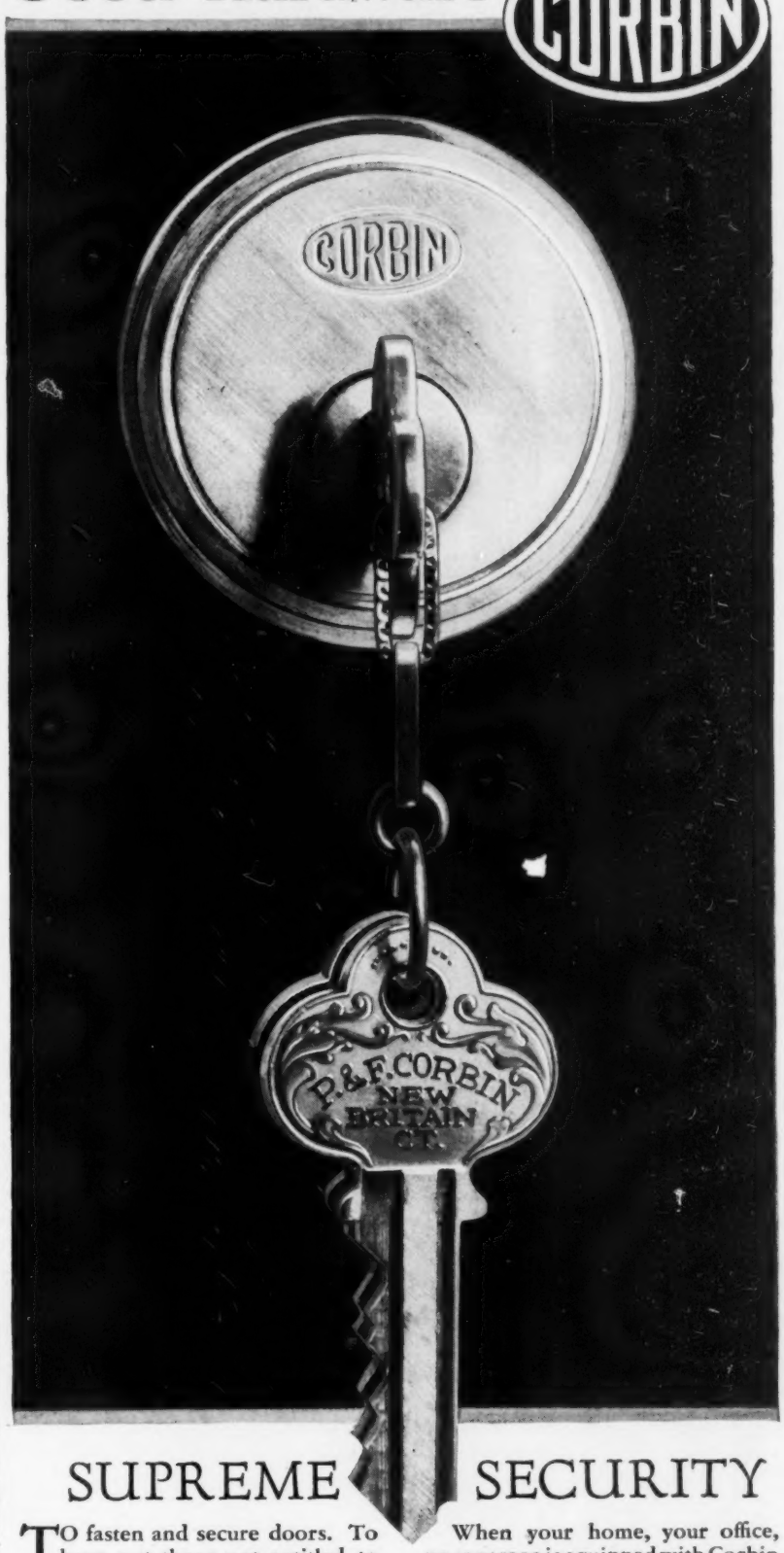
Illustrated Rolscreen Booklet mailed upon request.

If you are replacing your window screens, building or remodeling your home, you will be interested in the Rolscreen Booklet. » » » » » »

ROLSCREEN COMPANY
416 Main Street Pella, Iowa

Good Buildings Deserve Good Hardware

CORBIN



SUPREME SECURITY

TO fasten and secure doors. To keep out those not entitled to enter. That is what locks are meant to do.

To do what locks are meant to do and do it quietly and supremely well over long periods of time. That is what Corbin cylinder locks — the product of 80 years' experience in lock-making—will do.

And they do more. For if you would like to be able to open all your locks with one key and still have individual keys for each lock, Corbin master-keyed cylinder locks will enable you to do so.

When your home, your office, your garage is equipped with Corbin cylinder locks intruders are apt to find easier modes of entry than through the Corbin-guarded door.

Cylinder locks are but one of many Corbin items. All come in many styles and designs. All are Good Hardware-Corbin.

If you would like to know how and why Corbin cylinder locks give supreme security ask our Department HC-5 to send you our booklet K-169.

P. & F. CORBIN SINCE 1849 NEW BRITAIN CONNECTICUT
The American Hardware Corp., Successor
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SALUBRA

This pattern of Salubra, created by the Wiener Werkstaette, is, of course, but one of the hundreds of beautiful patterns designed to harmonize with the various types of interiors —Period or Modern.

2,000

"Atmospheres"

No matter what Period, no matter what room, the right wall covering plays an important role in obtaining the right "atmosphere". With Salubra Wall Coverings, the skill of leading European designers and colorists is in your hands. You can bring out just the "feeling" you want for each individual room, knowing that for years the Salubra pattern which you select, no matter how delicate the tone, will remain just as bright and fresh as the day it was put on—for Salubra is absolutely FADELESS and can be readily washed by scrubbing with brush, soap and water. Salubra's "2,000 atmospheres" include a wealth of original designs, patterns, tones and colorings —unlike any other wall covering. Salubra patterns in fine oil colors are applied on strong waterproof parchment paper—the equivalent of six coats of oil paint. Leading decorators can tell you about Salubra, or write us direct. Frederic Blank & Co., New York Central Bldg., 230 Park Ave., New York, N. Y., or Marshall Field Annex, 24 No. Wabash Ave., Chicago, Ill.

Salubra

Reg. U. S. Pat. Off.

WON'T FADE WILL WASH

Vudor PORCH SHADES

Be cool and comfortable . . . enjoy each gentle breeze and at the same time be free from the curious glances of passersby . . . Vudor Porch Shades secure all this for you at a cost that is remarkably low. They last for years.

Harmonizing perfectly with all styles of architecture, these shades give you an extra room that is both delightful and attractive. Only Vudor Porch Shades have the ventilator woven in the top . . . allows heated air to be carried off and so sets up a refreshing circulation. Prepare now for warmer weather!

Write for name of dealer in your town.

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In All Periods

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LOUIS GEIB ARTHUR P. WINDOLPH

GALVANIZED

..and still the price is only $78.50 F.O.B. FACTORY

YES, the ℞ Waterboy now has a galvanized tank! And the price is only $78.50.

That's NEWS—important news. Its news because the ℞ Waterboy with galvanized tank gives a still greater value than ever before—and it always has been the greatest value on the market.

What does the galvanized tank mean? We'll tell you. Galvanizing makes the tank last longer—much longer. In fact, it makes the tank last three times longer than the ordinary tank. That's something to think about.

And that isn't all. The ℞ Waterboy tank is galvanized inside as well as outside. That prevents rusting. You can be sure you'll not get rusty water when you turn the faucet.

If you want the best at the lowest price, here's your opportunity. Compare the low price of the ℞ Waterboy and the high quality. Compare point by point from the galvanized tank to the V-type belt and you'll see why the ℞ Waterboy is the best there is. And you can get it, and the other ℞ models for deep and shallow wells, on the easy General Motors payment plan. Mail coupon for details.

DELCO-LIGHT COMPANY, Dept. C-31, Rochester, N. Y.

ELECTRIC WATER SYSTEMS
Products of General Motors

℞ Electric Water Systems, Delco-Light Electric Plants and Delcogas are sold and guaranteed by Delco-Light Company, Rochester, N. Y.

"The GOLD STANDARD *of Quality"*

DELCO-LIGHT COMPANY, 0-44
Subsidiary of General Motors Corporation,
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Please send booklet on ☐ ℞ Water Systems, ☐ Delco-Light Electric Plants, ☐ Delcogas.

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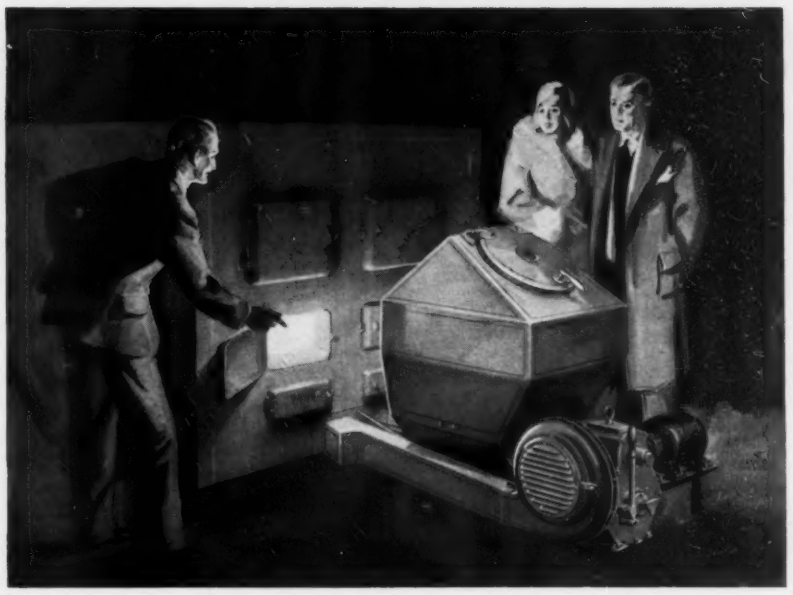


"We're *installing* Iron Fireman *now*

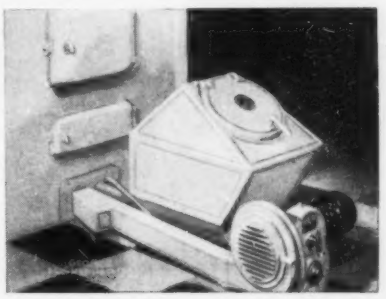
...not another winter for us without automatic heat"

MANY THOUGHTFUL home owners are looking ahead to next winter by installing an Iron Fireman Automatic Coal Burner now.

When another season of snow and ice rolls around they will have all the advantages of automatic heat. Iron Fireman, feeding coal to the furnace *automatically*, will take over the job of maintaining steady, even heat no matter what the weather changes outside. It will make the task of early morning fire kindling a memory. It will end, for all time, those many basement trips to feed the fire.

These Iron Fireman homes will not only experience the comfort and convenience of automatic heat, but they will have the satisfaction of reduced fuel bills. Iron Fireman burns the smaller, lower-priced sizes of coal. It produces better heat for less money—how much less is best shown by figures taken from a recent survey of Iron Fireman homes. Annual fuel cost savings in these homes averaged 45.61 per cent. In terms of money, these Iron Fireman owners reduced their yearly fuel bills an average of more than $90 per home!

Investigate Iron Fireman. It is easy to install, easy to operate, easy to pay for on the Iron Fireman finance plan. Don't go through another winter without automatic coal heat. Your Iron Fireman dealer will be glad to survey your heating system and submit an estimate. Literature will be furnished on request. Iron Fireman Manufacturing Company, Portland, Oregon. Branches in Cleveland - St. Louis - Chicago - New York. Dealers in principal cities of United States and Canada.



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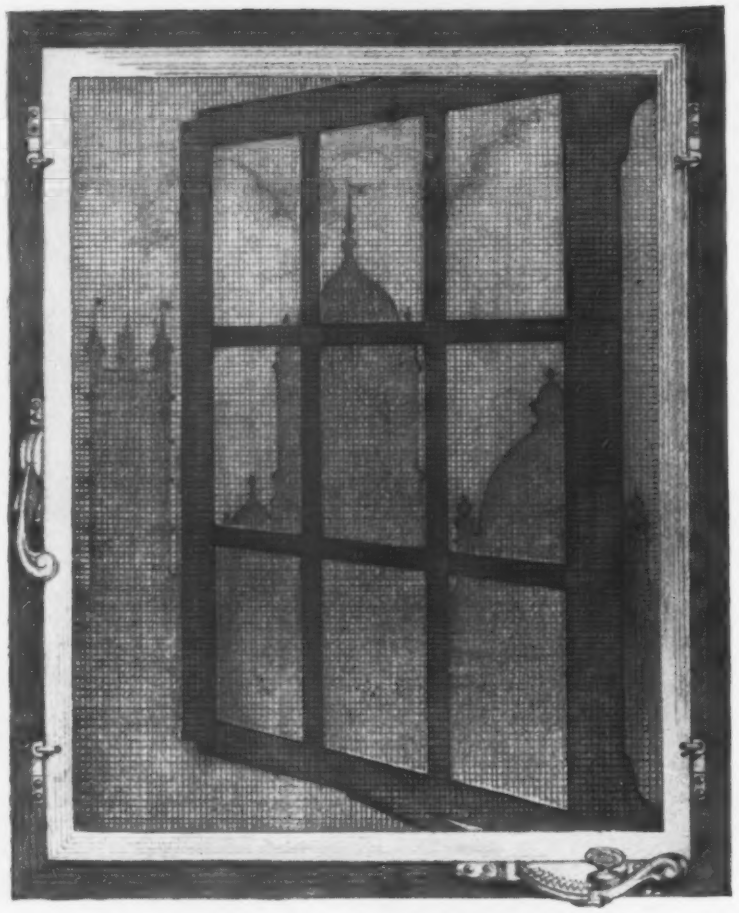
IRON FIREMAN
AUTOMATIC COAL BURNER

...the machine that made coal an automatic fuel



INTERNATIONAL SCREENED CASEMENTS

INTERNATIONAL Metal Casements—both Custom-built and Cotswold—now are available equipped with Screens. Note the Solid Bronze Hardware which permits the casement to be opened and closed without removing the screen. Note also there are no holes nor slots in the screen, an important feature ensuring easier handling and longer screen life. No other screened casement possesses such advantages.

INTERNATIONAL CASEMENT Co INC
JAMESTOWN · NEW YORK ·
Agents in all principal cities.

Catalogue will be sent on receipt of ten cents.

Colonial Sidewalls for Colonial Homes

WEATHERBEST Stained Shingles, in different lengths and butt thickness, are furnished in many shades of Gray and in a special Colonial White and Ivory to give any desired effect. The 24-in. length, for example, permits exposure up to 11½ inches.

On this home in Cincinnati, Ohio, Architect Ward Franklin helped the proportions of its Colonial design with WEATHERBEST Stained Shingles in 24-in. Colonial White on Sidewalls. A wonderful contrast was realized in the use of WEATHERBEST Stained Shingles, stained Black, on the Roof.

Send coupon for Sample Color Chart and Portfolio of full-color Photogravures showing actual color combinations of WEATHERBEST Homes. Enclose 10¢ (stamps or coin) to cover postage and handling. WEATHERBEST STAINED SHINGLE Co. Inc., 852 Island St., North Tonawanda, N. Y. Plants—North Tonawanda—Cleveland—St. Paul. Distributing Warehouses in Leading Centers.

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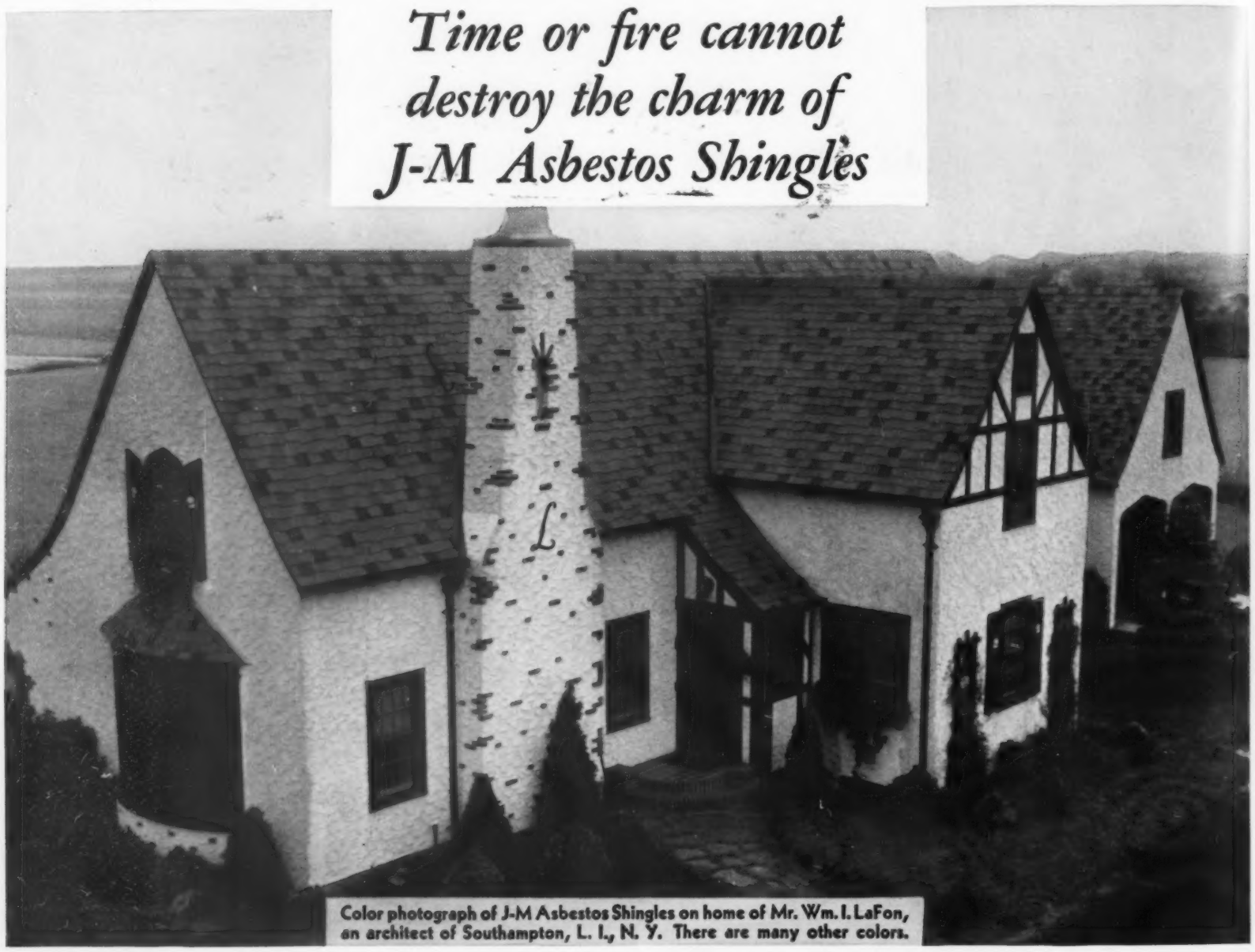

Color photograph of J-M Asbestos Shingles on home of Mr. Wm. I. LaFon, an architect of Southampton, L. I., N. Y. There are many other colors.

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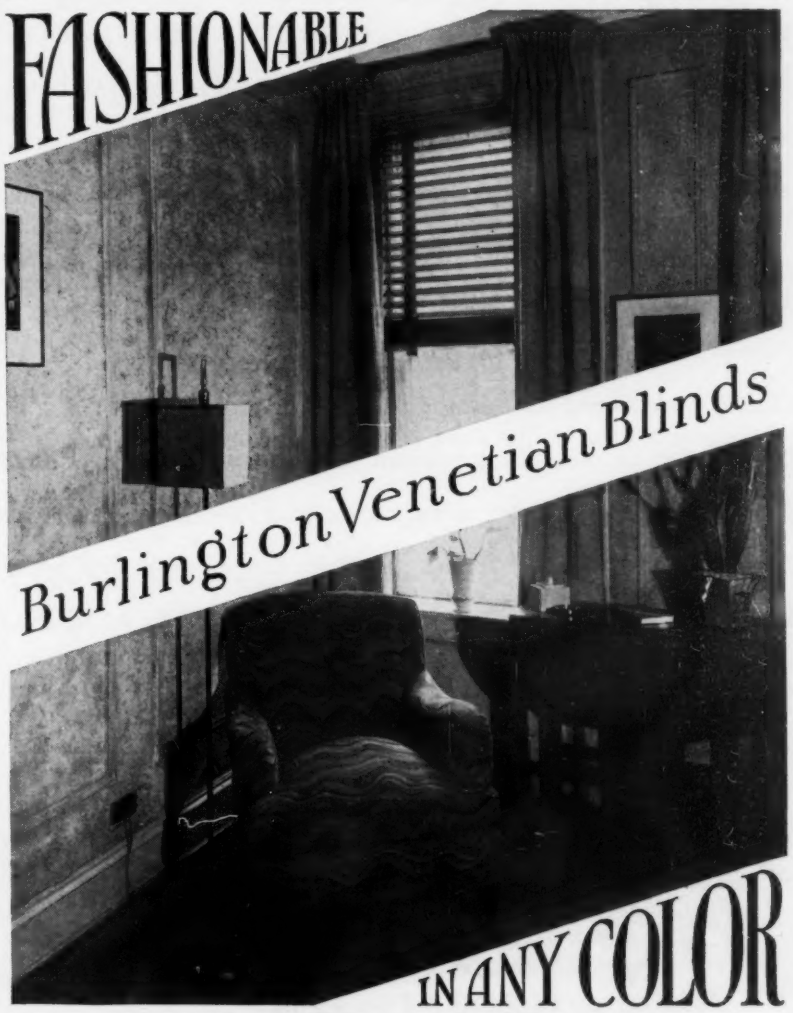

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Gardening's Renascence

(*Continued from page* 86)

fornian gardens were unknown. Another Kew collector, one Allan Cunningham, was to add these to gardens. He first made a collecting voyage in 1814 to Brazil; in 1816, through the good offices of Sir Joseph Banks, Cunningham found himself in New South Wales. He it was who sent us that loveliest of its tribe, *Acacia pubescens*, and many another wonderful and brilliantly blossomed "New Holland Plant", as they were dubbed at the period and for many decades afterward.

As before said, it is difficult for us to realize that in the short space of a little more than a century the brilliantly blossomed plants of South Africa and of Australia have become familiar objects in our gardens, but the end of the story is not yet.

ORIENTAL GIFTS

That greatest of all the Old World storehouses of lovely plants, the Orient, China especially, during this 1750-1850 period began to pour out its treasures to the western world. Japan, from which a few plants had dribbled during the 17th Century, became closed to foreign intercourse except to the Dutch and really added nothing to our gardens until Commodore Perry forced a treaty on the Japanese that opened the country to foreign commercial intercourse in the late fifties of the 19th Century. But China, so long a closed book, niggardly and slowly commenced to lower the barriers against foreign intercommunication. Trading stations were established and a regular fleet of ships plied between Canton, a few other ports, and London.

In England, Sir Joseph Banks had a positive mania for new plants and being both wealthy and influential prevailed upon the directors of the old East India Company to allow their captains to bring back plants from China. This they did and it is on record that few ships sailed from Canton to London without carrying their quota of plants in little glass houses stowed on the decks. To the enterprise and enthusiasm which prevailed gardens owe many of what have become our most familiar flowers and the parents of modern races of plants. For instance, by this means the parents of our Hybrid Perpetual, Tea and Rambler Roses reached Europe early in the 19th Century and so too, did the Chinese Primrose and that most glorious of all hardy vines, *Wistaria sinensis*, the exact date of its introduction being 1818. The White and Purple Yulan Magnolias were sent from China about 1788; prior to their introduction no precocious-flowered Magnolia was known in gardens.

The first of the Asiatic Crabapples (*Malus spectabilis*) reached England in 1780, and in 1787 the first Moutan Peony. Camellias, which were introduced sometime about 1739, gradually began to get known and during the early part of the 19th Century were perhaps the most popular of garden flowers. As our article in April *House & Garden* stated, these were perhaps the most typical plants of the early Victorian period. That most familiar of all the Hydrangeas, *Hydrangea hortensis*, reached London in 1788. It was met on the docks by a delegation of plant enthusiasts and patrons of horticulture, including Sir Joseph Banks. After the ceremony attending the plant's arrival and inspection a breakfast in its honor was given. The so-called Indian Azaleas, which are really of Chinese origin, were among the plants transported by the East India ships and in course of time led to the foundation of a great industry in Belgium and Holland. The earliest Chrysanthemums went from Japan to Holland about 1680, but were soon lost to cultivation and it was varieties sent from China early in the 19th Century that laid the foundation of the modern Chrysanthemum cult.

The Goldenbells, most familiar of spring-flowered shrubs, represented by *Forsythia suspensa*, arrived in 1833 to be followed in 1847 by *F. viridissima*. Both species are still much cultivated but their beauty palls before that of the children of their hybrid offspring, *F. intermedia*, whose most brilliant child is known as *spectabilis*. Lest we tire the reader with mere names this list may close with mention of one other plant, this time a native of the Himalayas, *Rhododendron arboreum*, which reached England about 1810 and flowered for the first time in 1825. To the rich scarlet of this Indian Rhododendron the modern race of Rhododendrons owe their rich and brilliant colors.

In justice to one large and familiar group of garden plants, the Lilies, it might be worthy of mention that the first Chinese Lily to reach Europe was our dear old friend the Tiger Lily (*Lilium tigrinum*) now a common naturalized plant in many places in New England and lower Canada which arrived in 1804. It was followed by the brilliant little *L. concolor* in 1806; *L. Brownii* was sent from Canton in 1835. This was preceded a few years by that most commonly cultivated of all greenhouse Lilies, *L. longiflorum*, which is supposed to have arrived in 1819 although the date 1830 has more facts to support it.

THE ROSES

Of Roses, the advent of *Rosa chinensis*, the Chinese Monthly or Bengal Rose, in 1781, and *R. odorata*, the Tea Rose, in 1809, were destined to revolutionize the Rose gardens of the world. The mating of the China Monthly Rose with the French Rose (*R. gallica*) gave rise to the Hybrid China Roses of which General Jacqueminot is one of the outstanding members. This race crossed with the Damask Rose originated the well-known Hybrid Perpetual Roses which for a period ruled the Rose garden. The Tea Rose made slower progress and its varieties were at first confined to the sports or seminal variations of which Niphetos, Marechal Niel and Safrano may be instanced as well-known types. The crossing of the Tea Rose with varieties of the Hybrid Perpetual gave rise to the modern race of Hybrid Teas which, together with the Pernetianas and Ramblers, today dominate Roseries throughout the world. The story of the Rose development, though fasci-

(*Continued on page* 182)

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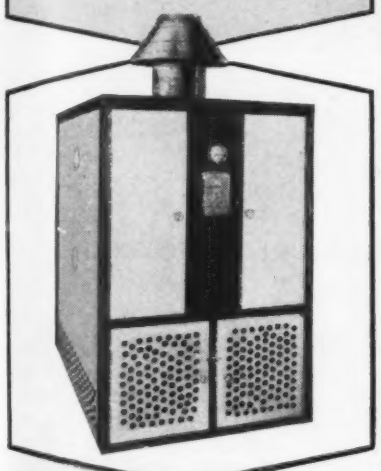

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Reginald A. Malby

Sythyris reniformis, a blue-flowered native from the Northwest, is one of the earliest plants to bloom in the rock garden. It requires cool conditions and probably somewhat acid soil

Of Small Rock Gardens

(*Continued from page* 117)

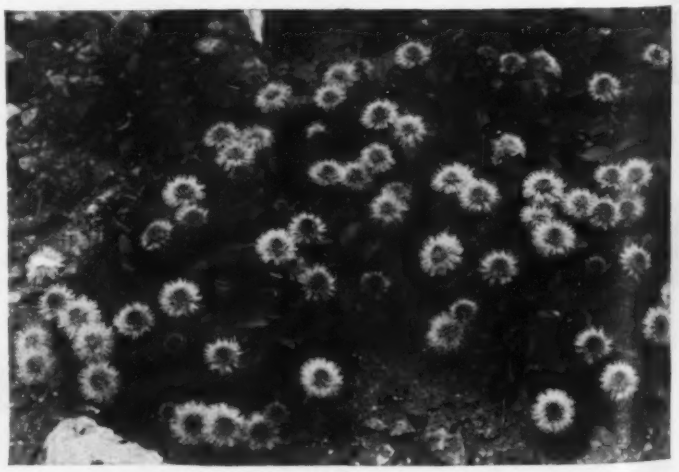
ill-formed and carelessly assembled stones. If possible they should be mainly of one character—sandstone, limestone or whatever is available. The rounded field boulder is the poorest type of stone to use, for it makes stable construction almost impossible and where considerable use is made of this type there is great difficulty in making the rock garden appear like anything but a pile of unrelated stones.

There is not space in a short article to go fully into methods of construction; in any case this is a problem that every builder must work out for himself, for no two situations call for the same treatment. My intention here is to call attention to some of the small and lovely things that should be housed in a rock garden of limited area.

Only such plants and shrubs and bulbs as are in scale with such setting should be made use of, and there should be a further clause in their permit of admission to the effect that they must not be over-zealous in the matter of reproducing their kind, or grasping where a neighbor's territory is concerned. Unrestrained self-sowing makes endless confusion and labor for the owner with limited time, and certain mighty stalwarts of the plant world would speedily take the whole little landscape for their own, without so much as a by-your-leave, making existence extremely unsafe for the many small delightful alpines and other diminutive plants that should be growing there. In the small rock garden the names of Ajuga, Euphorbia, Cerastium, Acaena, Lysimachia, Nepeta, Lamium and numerous others should not be so much as whispered. Useful as they are in many situations, they have no place in the rock garden where space is a consideration. Nor do we need them, for the world is rich in small enchantments that will clothe our hills and hollows in a garment of the greatest interest and beauty.

In the first instance we shall need a few tiny shrubs to lend plausibility to our miniature landscape. Since the enactment of Quarantine 37 naturally dwarf-growing conifers have become exceedingly scarce in this country and are undoubtedly becoming scarcer with every year that passes, as well as more expensive. We may therefore be under the necessity of resorting to the dubious practice of making use of small specimens of naturally larger growing varieties and replacing them with

(*Continued on page* 172)



Globularia incanescens is a tiny charmer with leaves of blue-green as a fitting background for the cool blue tone of its flower balls. It should have the advantage of a sunny, well drained slope

Deep-set Casements

...decorate this Normandy style home

Designed by Architect WM. B. BETTS
Decorations suggested by MARSHALL FIELD & CO.

TRY to imagine the picture below *without* the striking Fenestra "Fencraft" Casements that bring a blaze of sunlight to this Normandy living room . . . *without* the characteristic little casements low under the sloping ceiling. How much of its distinction it would lose!

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. . Lending the beauty of exquisitely wrought hardware in solid bronze or nickel silver, Fenestra "Fencraft" Casements offer a choice of finishes: coinage, scaly, sand or hammered.

In complete harmony with any style of period architecture, these ultra-modern windows of steel provide unprecedented practical advantages as well: life-long ease of operation; outside washing from within the room; weathertightness superior to that of most commonplace windows fitted with good weatherstrips; added daylight and better ventilation; easy shading and draping; fire-safety; economy.

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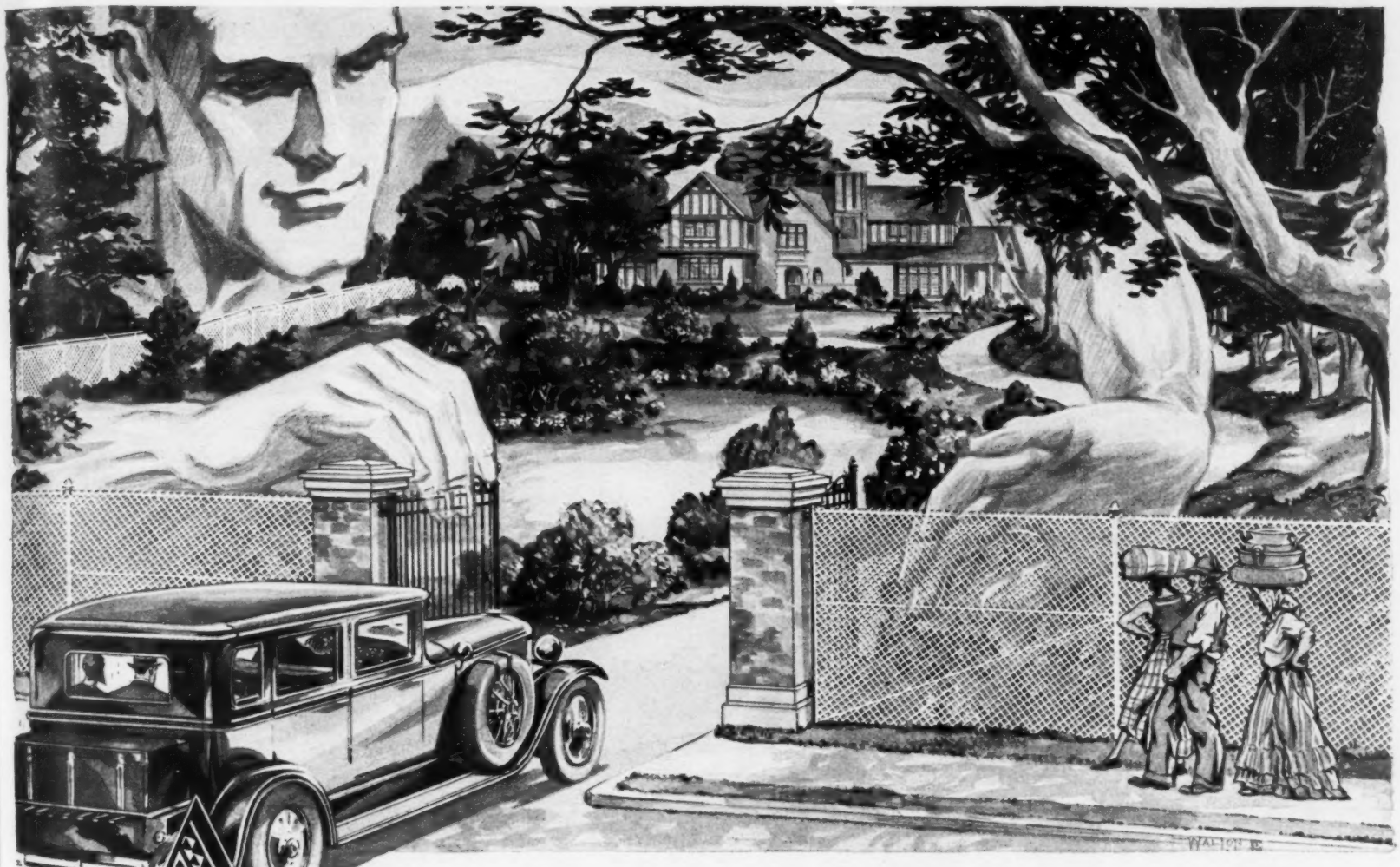

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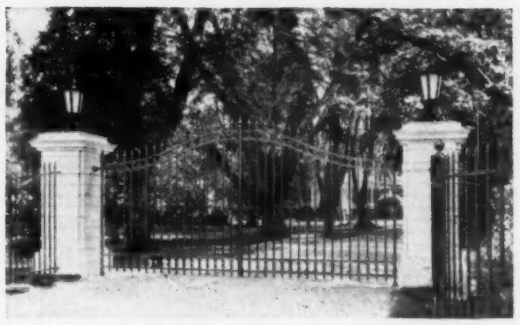

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DELPHINIUMS

Totty's Delphiniums are the pride of fanciers everywhere. This year they have reached a new peak of perfection. Fine types not named but selected in shades of light blue, dark blue and mauve are priced at $1.00 each, $10 per dozen. "Run of the field," strong clumps, hand marked as to type or color 50c each, $5.00 per dozen, $35.00 per 100.

CHRYSANTHEMUMS

Most standard varieties, as pictured above are priced at 50c per plant, $3.00 per dozen, $20 per 100. We have prepared a special collection for the benefit of those customers who have never grown hardy chrysanthemums and therefore are not familiar enough with the different types to know definitely what to order. This assortment comprises an equal number of each type, all entirely satisfactory and all shades of color. We will send our own selection of 100 assorted plants $15.

Totty's

MADISON, NEW JERSEY

Send to-day for Your Copy of this New 1930 Catalog • "When You Think of ROSES . . . Think of TOTTY'S"

The Garden Scrap Book

NASTURTIUMS. There seems to be a decided increase of interest in the faithful old Nasturtium, a sign of the times that we are glad to see. It's always been such a good-hearted, willing, cheerful flower that it never deserved the comparative neglect by the more sophisticated gardeners which has been its lot for some years.

Part of this renewed popularity, no doubt, is due to improvements which the plant breeders have made in the size and color of Nasturtium blossoms. There are now available climbing strains with flowers three inches in diameter and leaves twice that size. The dwarfs, too, are gayer and more prolific than ever.

Nasturtiums need little in the way of care. They actually prefer poor rather than rich soil; one wonders where they gather enough nourishment to make such prodigious growth and so great a profusion of bloom.

LAWNMOWER CARE. With the beginning of the open season for grass-cutting the lawnmower enters upon a life of strenuousness which must tax its spirit to the utmost. Not only is it hustled hither and yon every few days, but it not infrequently is forced to chop up sticks, pebbles and all kinds of lawn litter which aren't in the least digestible.

We would plead, therefore, for a trifle of consideration for lawnmowers. After all, they're neither stone-crushers nor steam shovels—and they do work hard, at best. They really deserve to have dangerous obstructions cleared from their path, and a thorough oiling before they're set to work. Also, it will help to keep up their courage if they are not used when the grass is wet and are decently housed in a dry place instead of being left out in the rain. No lawnmower ever objected to having grass clippings cleaned out of its working parts before being put away for a rest.

LAUREL PLANTING. There is a nurseryman's saying to the effect that Laurel should be planted on May 10th, quite as if it were an anniversary of something or other.

As a rule to be followed in spirit if not in letter, this is a good one and soundly based upon experience as far as the Middle Atlantic States are concerned. Laurel bushes set out just as their new growth is starting have their best chance of success; their worst is in autumn when both top-growth and roots are in a dormant condition.

We already have Arbor Day and Mother's Day and a lot of other Days. Why not add one more—May 10th, Laurel Day? Quite seriously, it would be worth while, for the Laurel is our most glorious native flowering shrub. When you get it, be sure and get nursery-grown stock only—both because it is better rooted and formed than "collected" plants, and because the wild bushes need all the conservation we can give them.

DAHLIA BACKGROUND. The development of the Dahlia is due chiefly to the influence of cultivation and feeding. Strangely enough, it is closely related to one of the commonest weeds over a great stretch of the United States, the Beggar's Tick, Devil's Pitchfork, and other local names for Bidens whose golden blossoms spread over waste prairie and wander into the fields in the fall and a tall form of which covers the clothing with its two-pronged seeds when one gets close to it in the autumn. It is also closely related to the Coreopsis and Cosmos, the four genera seeming to merge one into the other.

The original Mexican plant was *Dahlia variabilis*, a single type but very variable as to form and color in its native state. There is some question whether all cultivated forms are not merely variants of this one type, the one other distinct form that has had great influence being the Cactus Dahlia, *Dahlia Juarezii*, which some botanists argue is merely a form of *Dahlia variabilis*.

It is a comparatively modern plant, the first distinct breaks from which we now have all our various forms coming in 1814. The Dahlia was taken to Europe and introduced into cultivation the year Washington became President, 1789. It began doubling the first year under cultivation but the doubling was not completed for twenty-five years. In 1841 one dealer in England listed 1,200 varieties.

AMMONIUM SULPHATE. Among the quick-acting lawn fertilizers a place of honor should be given to ammonium sulphate, whose nitrogen is readily available and especially valuable as a stimulant in early spring. Besides its usefulness as food for the grass, this chemical is also discouraging to many of the weeds which too frequently make the maintenance of a good lawn a rather discouraging undertaking.

For spring use, three pounds to each 1,000 square feet of lawn is generally about right. More than this may burn the grass, and less fails of its real purpose. Application must be made just before a good rain, or the hose may be called upon to wash the chemical into the soil.

BETTER VEGETABLES. With vegetables in full growth the main object of a gardener should be to keep them growing at top speed. There are two ways to do it, fertilizing and cultivation. Cultivation from the start makes the work easy. It is when the garden is left until the weeds get a good start all over it that cultivation becomes a real task.

The methodical gardener will divide the garden into sections and take them one at a time and stir the soil. In this manner it is a light daily task and the vegetables respond quickly.

The balanced fertilizers sold by seed houses are a real boon to the gardener because they are so easy to handle. It is a simple matter to sprinkle the powder along the rows of plants and then gently hoe it or water it in.

Nitrate of soda is a garden standby as a stimulant of growth. This should be watered in. Sprinkle the nitrate thinly and then turn on the sprinkler. Many of the balanced fertilizers contain chemicals that need to be watered in for best results. A good sprinkler that will give a wide distribution of

(*Continued on page* 178)

FINEST BULBS IN HOLLAND--AT BED-ROCK IMPORT PRICES

Madonna Lilies

For June Gardens at Attractive Prices

These stately flowers, symbol of purity and devotion, whose royal grace and glistening whiteness give a supreme distinction to any garden, are especially alluring against a background of blue Delphiniums.

Our bulbs are selected from the choicest collection in France—stalks 4 to 5 feet tall, often 10 to 15 magnificent blooms on a single stem.

At these low import prices bulbs must be ordered **now.** They will be delivered to you ready for planting next September.

Import Prices

Jumbo Size—Extremely large picked bulbs for unusual results (supply limited). **60c each; $6.00 a dozen.**

Regular Mammoth Bulbs
$3.50 a dozen **$25.00 per hundred**

Remarkable Savings—If You Order NOW!

(No money with order—pay on delivery in September)

These prices good till July 1st—NO LATER

The great Holland bulb growers are ready NOW to make important price concessions for immediate orders. Add your order to our own large import orders and we can get for you not only the advantage of bed rock prices for highest quality (prices far below those that will obtain next Fall) but we can have your orders packed for you, in Holland, saving you extra packing cost, reducing freight, handling, and import charges to a minimum and guarantee to you the pick of the new crop. *The biggest and finest bulbs grown in Holland.*

A Word to the Wise—Last year's tulip shortage cut deeply even into planting stock, resulting in greatly curtailed production this year. This fact, together with a proposed tariff schedule two or three times last year's, clearly indicates a rapid rise in prices as the season advances.

This year—more than ever—buy early

Gorgeous Darwins, a symphony of color—illustrating "Special" Border Collection below.

Regal Lilies

For July Gardens—at Half Their Real Value

Regal lilies follow the Madonna lilies in their blooming period. From three to six long, trumpet-like flowers with throats of canary yellow shading to a pearly white, are borne on stately stems four to five feet tall. Perfectly hardy.

These lilies are a permanent investment. Each year the bulbs will grow larger and increase in number giving you recurring pleasure from season to season.

These bulbs sell normally around $75.00 a hundred and higher. By a fortunate arrangement with one of the largest growers anxious for early orders, we are able to offer these magnificent bulbs to you now at these truly remarkable prices—if you order now! Bulbs, 5 to 6 inches in circumference, sure to produce 3 to 4 blooms the first season—an extraordinary bargain at these prices:

12	bulbs for	$ 6.00	(regularly	$10.00)
25	bulbs for	10.00	(regularly	22.00)
50	bulbs for	18.00	(regularly	40.00)
100	bulbs for	35.00	(regularly	75.00)

8 GLORIOUS COLLECTIONS

Each a Wonderful Value—If You Order NOW!

100 **Single Early Tulips** in 10 named varieties. Bloom in April and early May	$ 5.00
100 **Double Early Tulips** in 10 named varieties. Bloom in April and early May	6.00
100 **Darwin Tulips** in 10 named varieties. Immense flowers on stems 2½ ft. tall in May and June	5.00
100 **Cottage Tulips** in 10 named varieties. The tulips of grandmother's garden, improved. May and June	5.00
100 **Breeder or Art Tulips** in 10 named varieties. In form like Darwins, wonderful shades of Bronze, Buff, Orange, etc. May and June	6.50
100 **Bedding Hyacinths** in 4 colors	10.00
100 **Named Hyacinths,** 2nd size, 4 varieties	15.00
100 **Crocus** in 4 named varieties. 1st size bulbs	4.00

Sensational Novelty!

Magnificent Fringed Tulip "Sundew"—First of its Kind!

A gorgeous cup of glowing crimson uplifted on a tall stately stem. In size and shape a true Darwin—but whose petals are beautifully fringed and laciniated at the outer edges presenting a very charming and novel appearance either in bed or vase. Not since the introduction of *Fantasy* has such a striking novelty been offered to the tulip connoisseur.

Doz. $3.50 25 for $6.50
100 for $20.00

SCHLING'S "SPECIAL" BORDER COLLECTION

(As illustrated above from right to left)

	Doz.	100	1000
Centenaire—Rich violet-rose with large blue center. Enormous flower of perfect shape. A magnificent Tulip	$.75	$5.50	$50.00
Philippe de Comines—A velvety maroon-black. A stately tulip of beautiful form	.85	6.25	60.00
Rev. H. Ewbank—A lovely heliotrope tulip on tall graceful stem	.75	5.50	50.00
Princess Elizabeth—A beautiful rose color with blush edges. A lovely warm spring color	.75	5.50	50.00
Prince of the Netherlands—Cerise-scarlet daintily flushed with salmon. Extra large flower	.85	6.25	60.00

Import Collection Prices

1 dozen each of the above 5 varieties (60 bulbs in all)	$ 3.50
25 each of the above 5 varieties (125 bulbs in all)	6.00
100 each of the above 5 varieties (500 bulbs in all)	25.00
1000 each of the above 5 varieties (5000 bulbs in all)	240.00

Don't Miss this Extraordinary Offer!

100 DARWIN TULIPS $3.00

Choicest, first size bulbs, sure to bloom. Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold. A $6.00 value for only $3.00.

Daffodils and Narcissi!

For Naturalizing and Lawn Planting

Our Old Dominion Collection in choicest mixture of airy and medium Trumpets, short cupped and lovely Poet's varieties. All first quality bulbs grown in Virginia where their culture has flourished since Colonial days. These bulbs, being native, are fully acclimatized and none better can be grown anywhere. The supply will not equal the demand. *Order at once.*

100 Bulbs . . . $7.00 1000 Bulbs . . . $65.00

3 MAGNIFICENT DAFFODILS

(G) **Lucifer,** per 100	$ 9.00
(H) **King Alfred,** per 100	20.00
(I) **Giant,** per 100	20.00

12 bulbs each, in 3 varieties, 36 in all.....$6.50
25 bulbs each, in 3 varieties, 75 in all.....$12.00
50 bulbs each, in 3 varieties, 150 in all.....$23.00
100 bulbs each, in 3 varieties, 300 in all $43.00

Send for our Import Bulb List

No Deposit required. Pay on delivery in September, but if you wish, a **CASH DISCOUNT OF 5%** may be deducted from prices if you send check with order.

Caution:—These prices are good on orders received before July 1st. NO LATER.

Max Schling Seedsmen, Inc.
Madison Ave. at 59th Street
New York City

Schling's Bulbs

Gentlemen:—Please enter my order for bulbs checked on enclosed list for which I agree to pay at these special import prices when order arrives about September 30, 1930.
..... Please send me your special "Import List" of Bulbs.
..... I am deducting 5% cash discount and enclose full payment in advance.

Name..... Address.....

200 HERALDS OF SPRING $6.00

Lovely Spring Beauties—the Following 8 Named Varieties—25 bulbs of each

Snowdrops—Glory of the Snow (blue)—Heavenly Blue Grape Hyacinths—Blue Squills, (Scilla Sibirica)—Blue Bells (Scilla Campanulata)—White Blue Bells—Wood Hyacinths (Scilla Nutans)—Winter Aconites.

A Reeveshire Product

When you buy genuine
French Provincial
Woven Wood Fence
you *invest* in

lasting decorative charm—

A boundary that becomes part of the natural beauty of your estate as are its trees and shrubbery. Time turns its graceful, slender palings (made of live chestnut saplings) a soft silver which blends into a landscape as fittingly as its design adapts itself to any type of architecture.

a screen that's protective—

A decorative screen that does sentry service between your property and the lights of the highway, the trespassing gaze and contact of the outside world, adjoining properties which conflict with the harmony of your estate.

and permanent economy.

Economical in that its initial cost is its last! Time does not weaken it... its sturdiness remains intact. Water cannot rust the Copperweld rust-proof wire with which its staunch palings are woven together. Changing fashions do not affect it. It is always a thing of beauty, utility and durability.

The French Provincial Woven Wood Fence comes in five foot sections in heights 18", 3'10", 4'11", 6'6", 8' and 10' and is imported solely by Robert C. Reeves Co. Look for the name *French Provincial* on every section.

Guaranteed for 15 years

Robert C. Reeves Co.
Established 1860
101 Park Avenue · New York City

Largest and Oldest Distributors of Wooden Fences in the United States

Write for Descriptive Booklet "Fence and Defence"

Worthy Strawberry Kinds

(*Continued from page* 107)

in lies its chief limitation: its flowers are imperfect. Therefore it must be planted near a perfect flowered variety that blooms at the same time or it will produce little if any fruit and much of this misshapen. Where the varieties previously discussed are grown near by in the same garden it may be planted with confidence that its flowers will be pollinated and thus produce well formed fruit of normal size and quality.

Of the above list my own choice of three varieties to cover the longest possible season with exceptionally fine fruit for any home table would be Premier, Big Joe and William Belt. To these, if I could spare the space, I would add the others discussed. I might then include one or more of the following kinds, though I would take into consideration their limitations and order only say twenty-five of a kind to make a test.

ADDITIONAL SORTS

McAlpin is said to be a very vigorous grower but I have never found it so. This, however, may be because the plants were grown on heavy clay soil. They were small, had short roots and suffered so much every year from dry weather that they produced little fruit. In quality this was excellent though only of medium size.

Doctor Burrill with me produced quantities of plants but little fruit and that rather small though of good quality. This variety is either identical with Senator Dunlap or so much like it that there is no reason for buying it and paying the higher price that some nurserymen charge. Other nurserymen price the plants equally and at least one places the names of each in parenthesis after the other in his descriptive list!

Until I grew Chesapeake, Big Late and William Belt I pinned my faith to the Gandy, a high quality late kind, which is still largely grown by people who do not know of the more prolific varieties I have mentioned. The Gandy does well on heavy clay land but fails badly on light soils.

As to canning and preserving, Premier, Chesapeake and Senator Dunlap are largely grown commercially. My own choice among these would be Premier. For this reason I would increase the area devoted to it if I planned to do more than casual canning and preserving.

Though I am a strong advocate of testing new kinds I feel that it is time enough to try them after they have passed the rigid tests which the leading Strawberry specialist nurseymen subject them to. One of these companies from whom I have bought most of my plants for many years writes me in substance as follows:

"We have endeavored to make our catalog absolutely frank in our criticism of varieties. Among the tremendous number of new kinds introduced during the last few years some are good, others have apparently no merit except that they are new. We endeavor to get hold of new and better varieties but we feel that if they are not better in at least one important respect, they should never be introduced. We try to get our list down rather than up. We believe that we can still further reduce it with advantage to all concerned." This campany's 1929 catalog listed only thirty-one kinds, including only two of the everbearing class.

Two of the outstanding advantages of growing the everbearing kinds in the home garden are that if the plants are set in early spring they will bear during the same season, and if they are properly managed they will continue to ripen fruit until late in the autumn, even until snowfall. Under favorable conditions individual plants will often produce a total of a quart of fruit during the season. They are as easy to grow as the "regular" kinds but in order to have them yield well they must have plenty of moisture in the soil. To insure the greatest possible yield it is advisable to cut off all blossoms that form up to mid-July so as to strengthen the plants as much as possible for late summer and autumn fruiting.

Unlike most of the regular kinds the everbearing varieties tend to form stools or hills instead of making runners. From the home garden standpoint this is a great advantage because it assures larger crops of larger berries than where suckers are numerous. It also makes for ease of cultivation.

My experience with the everbearing varieties leads me to believe that though a bed of regular varieties may be allowed to produce two crops or even three in the home garden without renewal, the everbearing kinds will prove disappointing unless a new bed is made each spring. Presumably this is because the plants exhaust themselves bearing fruit late in the growing season and have no chance to recuperate before winter.

FIRST EVERBEARERS

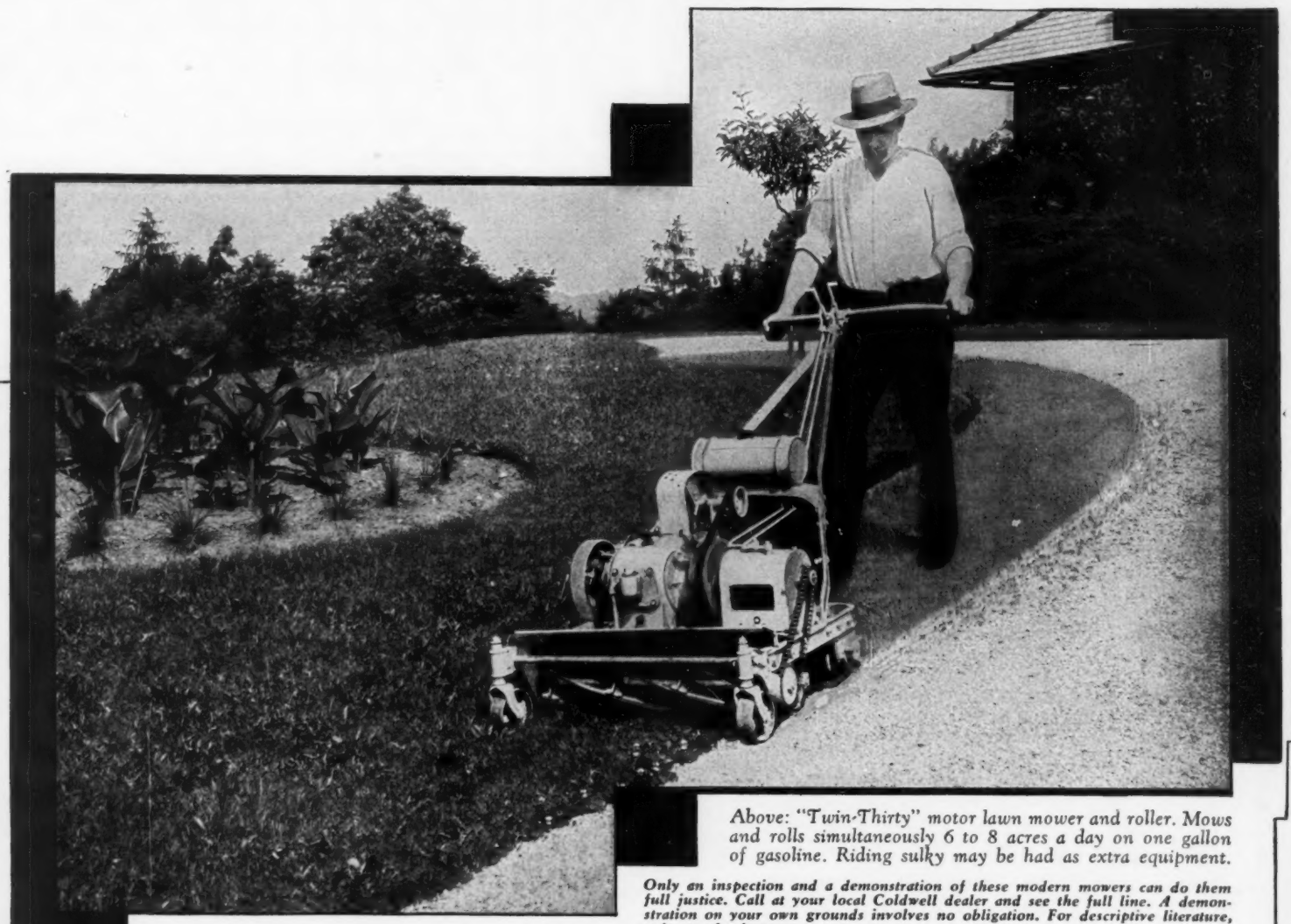
The first everbearing varieties introduced were small berries and bore sparsely. More recent introductions are great improvements. Among these are Progressive (synonymous with Champion) and Mastodon. The former, which generally makes a fair number of runners, bears quantities of excellent quality berries but of only medium size; the latter outranks it both in size of berry and abundance of yield, but the berries are not quite so delicious to eat out of hand, though with sugar and cream they are by no means to be despised. The plants are strong growing—larger than Progressive. On the whole Mastodon is the best all-around everbearing variety yet introduced, though some new ones are under test that promise even greater achievements.

During recent years the United States Department of Agriculture has originated several varieties which are now being tested experimentally in many parts of the country. Some of these have proved more sturdy and prolific than standard kinds grown under identical conditions. So far they are known only by number. Two that have already attracted great attention are an everbearing variety, Number 836, which bears exceptionally fine berries of large size, and Number 632, which is said to be especially adapted for canning and preserving. Several others are likely to be reported upon within

(*Continued on page* 174)

SINCE 1867

GOLDWELL POWER



Above: "Twin-Thirty" motor lawn mower and roller. Mows and rolls simultaneously 6 to 8 acres a day on one gallon of gasoline. Riding sulky may be had as extra equipment.

Only an inspection and a demonstration of these modern mowers can do them full justice. Call at your local Coldwell dealer and see the full line. A demonstration on your own grounds involves no obligation. For descriptive literature, write to the factory.

New motor lawn mowers that will win and hold your enthusiasm

THROUGH the medium of their new motor lawn mowers, the Coldwell Company has provided lawn owners as well as superintendents of private estates, public parks, etc., with the latest and greatest creations of their long manufacturing experience.

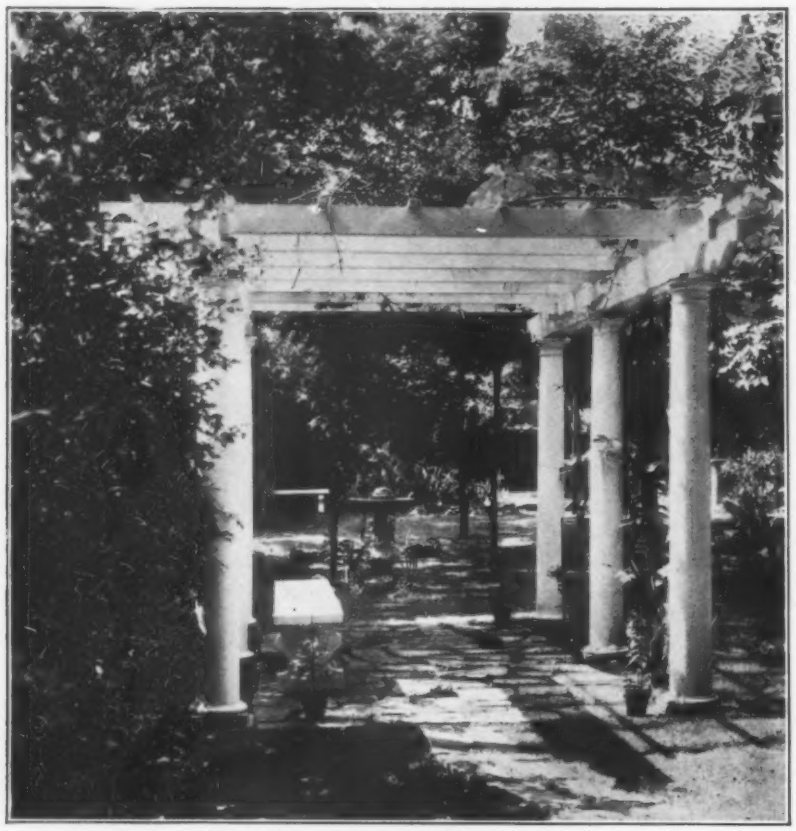
In Coldwell motor lawn mowers and rollers, advanced engineering and superfine materials have resulted in machines of unusual dependability and outstanding performance. The better you know power driven machines, the more enthusiastic you'll be when you see these Coldwell lawn mowers at work on your grounds.

Equipped with twin-cylinder motors, they deliver abundant power—adequate to every emergency—the roughest going or steepest grades. Of sturdy construction throughout, Coldwell motor mowers give long years of trouble-free service under every condition of usage. Mow and roll simultaneously. They run, steer and stop to just about perfection. Simple and economical in operation. Reasonable in price.

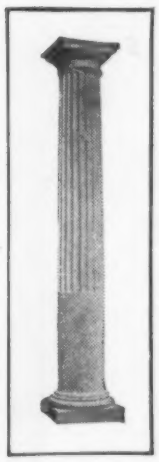
COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.

In Canada—Taylor-Forbes Co., Ltd., Guelph

Manufacturers of DEPENDABLE Lawn Mowers—HAND, HORSE, GASOLINE, ELECTRIC



TO HEIGHTEN THE GLORY OF SUMMER FLOWERS!



Whether your garden be formal or conventional, we can supply you with appropriate garden furniture to enhance its charm.

Not only can you choose from many charming pieces shown in the catalog, but you may also avail yourself of the facilities of our designers. Thus you may obtain garden houses, pergolas, rose arbors, garden enclosures, trellises, etc. in perfect accord with the balance of any landscape plan you have.

Hartmann-Sanders garden equipment comes to you painted one coat and ready to assemble. No fuss. No chance to go wrong.

A BOOKLET OF PERGOLAS AND GARDEN HOUSES WILL BE SENT UPON REQUEST

Hartmann-Sanders has published a large, profusely illustrated booklet which offers countless suggestions to those who seek distinction in their home surroundings. It shows page after page of beautiful pergolas, garden houses, ornamental fences, garden entrances, seats, rose arbors, trellises, columns and garden accessories of all kinds. For the booklet, send 30 cents to

HARTMANN-SANDERS CO.
Factory and Showroom: 2165 Elston Avenue, Chicago
Eastern Office and Showroom, Dept. P., 6 East 39th Street, New York City

HARTMANN-SANDERS

PERGOLAS COLONIAL ENTRANCES KOLL COLUMNS
ROSE ARBORS GARDEN EQUIPMENT

For the Rose Garden Beginner

(*Continued from page* 102)

these are available in quantities, Queen Rose will dominate in a vast territory where she is now but the petted child of a few anointed experts. Until this comes to pass—and it will not be long now—the beginner had better limit his selection to the old hardy strains if he wants to obtain permanent results and lasting joy.

HYBRID PERPETUALS

Hybrid Perpetuals originated about a hundred years ago from crosses between various strains of Centifolia (the Hundred-petaled Rose) and Damask Roses, for centuries acclimated in Europe, and the then recently imported Chinese everblooming Bengal and Tea Roses. The Hybrid Perpetuals are hardy anywhere in the Continental United States. While the qualification "Perpetual" is to many varieties of this class a mere title of courtesy, others are freely recurrent. In regions where the growing season is short, the first blooming comes late and the first frosts early so there is hardly time to expect a second crop of blooms; some of those non-perpetual "perpetuals" are so beautiful in their northern summer outbursts that they should be used freely. However, the more recent Hybrid Perpetuals have been greatly improved; most of them are truly perpetual and some dwarf enough for bedding in lieu of Hybrid Teas, and because of their dwarf habit are generally classed as such.

The following varieties are recurrent.

Tall Varieties. Although naturally tall growing, pruning can maintain these at any height desired:

Anna de Diesbach—Carmine pink, blooms some in autumn.

Conraa F. Meyer—Has some Rugosa blood but practically is a Hybrid Perpetual in the bloom and foliage. Light pink. Intermittent bloomer.

Frau Karl Druschki—White, very recurrent.

George Arends—Silvery pink, actually perpetual.

Heinrich Munch—Massive bloom, soft pink, fairly recurrent.

Henry Nevard—The most perfect H. P. deep maroon, very fragrant; frequently recurrent, perfume exquisite. A gem!

Rembrandt—A most artistic though giant bud, flesh rosy pink.

Turke's Rugosa Samling—Rugosa by name only, a true H.P. silvery pink with yellow markings at base of petals. Almost a continuous bloomer with strong perfumes.

Medium Growing Varieties:

Alfred Colomb—Crimson; when once going, blooms freely in the fall.

American Beauty—Dark Pink, needs no introduction, very free bloomer.

Commandeur Jules Gravereaux—A splendid variety, deep red. Almost continuous.

Duchess of Sutherland—For a long time classed as Hybrid Tea, because of its long pointed and graceful bud. Silvery pink. Recommended.

Druschki Rubra—New. Blooms as freely as the White Druschki. Crimson. Strong old Rose perfume.

Gloire de Chédane Guinoisseau—One of the best reds. Free bloomer, fine foliage.

John Russell—Crimson. Was originally classed as Hybrid Tea. Fair repeater.

Jules Margottin—Carmine pink. An old variety but always considered one of the best. Old plants bloom freely.

Magna Charta—Pink. Blooms but once, but what a glory!

Mme. Albert Barbier—The nearest approach to yellow. Continuous bloomer, splendid.

Mrs. John Laing—Pink. Quite a profuse bloomer.

Paul Neyron—Pink. Often referred to as the largest Rose known. Intermittent bloomer.

President Briand—New. Light pink. Frequent bloomer.

Roger Lambelin—A curious Rose, crimson maroon with a white margin around the petals.

Rose à parfum de l'Hay—Crimson, continuous bloomer, very perfumed. Has a faint strain of Rugosa.

S. M. Gustave V—New. Pink, as prolific as a Hybrid Tea. First class variety.

Suzanne Marie Rodocanachi—Rosy pink. Nearly a continuous bloomer.

Ulrich Brunner—Vivid red. Blooms but once, but is worth having.

Low Growing Varieties. Many of these are such free bloomers that they are generally cataloged as Hybrid Teas. But they have retained the winter hardiness of their Hybrid Perpetual progenitors:

Capt. Christy—Flesh pink.

H. V. Machin—Large flower, crimson.

Lady Alice Stanley—Two tone pink, light inside, dark outside.

Mary Countess of Ilchester—Solid pink, perfectly formed bloom.

Mrs. W. C. Miller—Very large, peony type, light pink, most prolific bloomer.

Natalie Bottner—A dwarf white Druschki.

Red Letter Day—Single, brilliant scarlet.

The General—Brilliant dark red, very perfumed.

The Bengal is really a Chinese Rose, but at the time of its discovery the only access to China was through the province of Bengal in Northeastern India. It belongs to the *Indica semperflorens* (everblooming) division of the *Chinensis* group. The main characters are continuity of bloom and extreme hardiness. The Bengal Rose was upon a time a prominent and numerous class of garden Roses, but the type has gradually been absorbed by the ubiquitous and now meaningless term Hybrid Tea. The following varieties will thrive safely and healthily practically anywhere, and where there is no frost to cut down garden activity they will be on duty the twelve months of the year. Average growth for bedding purposes.

Comtesse du Cayla—Coppery orange.

Cramoisi Superieur—Velvety crimson, an old favorite in the South, one of the ancestors of Gruss an Teplitz.

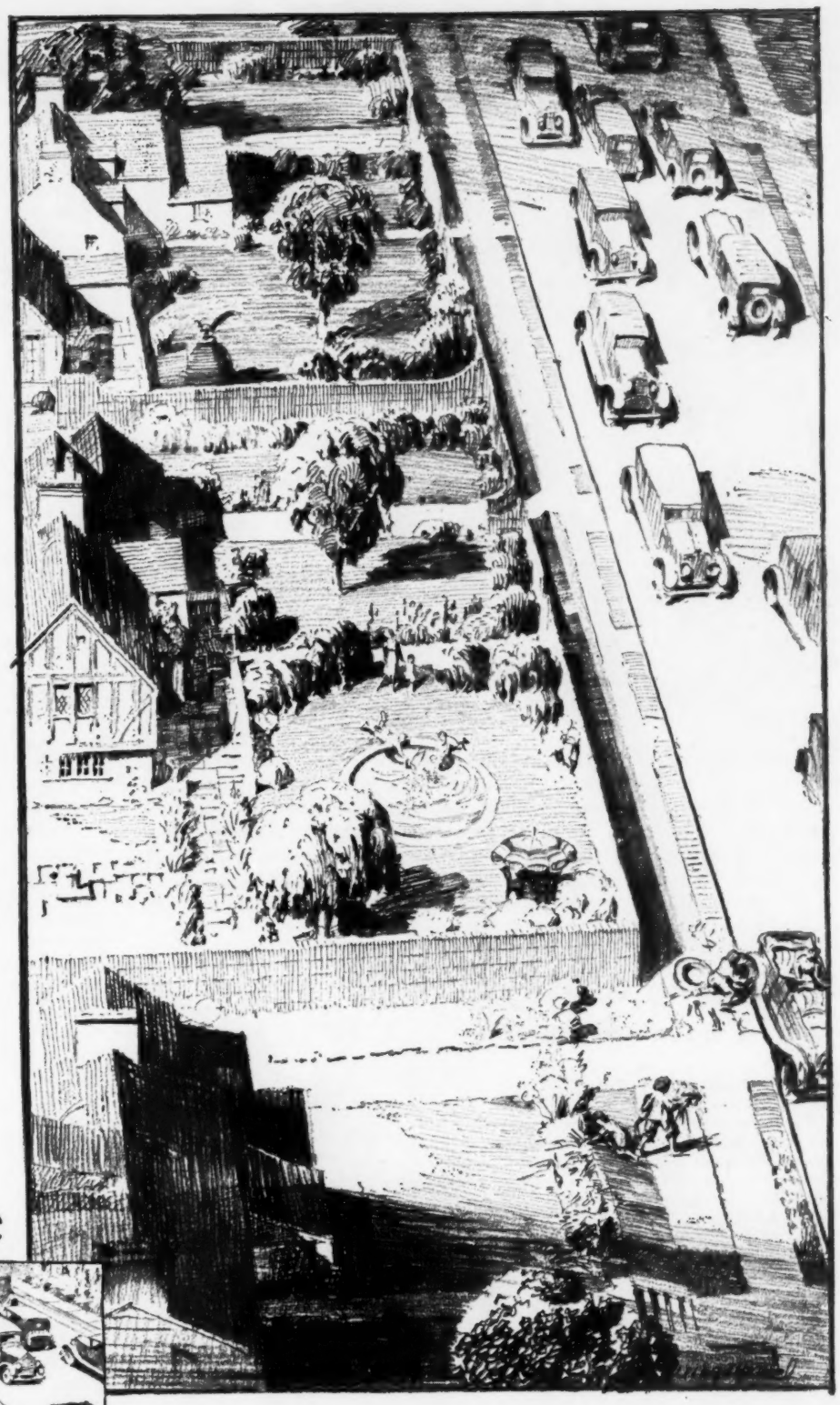
Frau Dr. Schricker (new)—A most beautiful bedding Rose, profuse bloomer, with old Rose perfume. Color old rosy pink. An excellent bedder. May not be available till fall.

(*Continued on page* 176)

Let *DUBOIS* make your house a HOME!

AMAZING how a few feet of Dubois can give instant seclusion; can shut out the thronging, noisy motor traffic and make a livable private garden out of your front lawn.

Shielded from public view by Dubois, you can at last call your grounds your *own,* for your own enjoyment and for the safe romping of your children. It enhances the value as well as the beauty of your property.



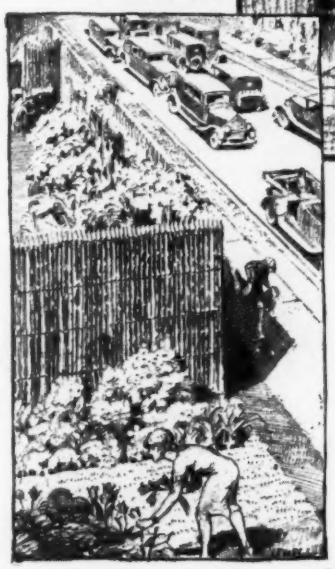
DUBOIS

REG. U. S. PAT. OFF.

THE ORIGINAL

Woven Wood Fence

Made in France



DUBOIS Deters Trespassing

An open lawn today is an invitation to any passerby who may be tempted to destroy your plantings.

Your lawn with its flower beds can be so easily and inexpensively transformed into a delightful outdoor room, by erecting a few sections of Dubois to give perfect privacy.

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By specifying Dubois *by name*, you are certain of obtaining the original woven wood fence; the only fence of this type that has been made and imported from France for a long enough period to prove its remarkable qualities of long wear, without need of painting or other upkeep expense. Dubois is made by hand in France, of live-cut Chestnut saplings. Aged and heat-treated by special process to prevent warping. It is bound with rust-proof Copperweld wire and comes in 5-foot sections and in 5 heights, from 3′ 10″ to 10′, ready to erect.

Now is the time to prepare against this year's growing traffic problems. Send today for beautiful Dubois booklet, with its many illustrations, full descriptions, and prices. Simply mail coupon at right.

DUBOIS FENCE & GARDEN CO., Inc.
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Please send me your free illustrated catalog with prices of Dubois. I am interested in using it for: 1-E

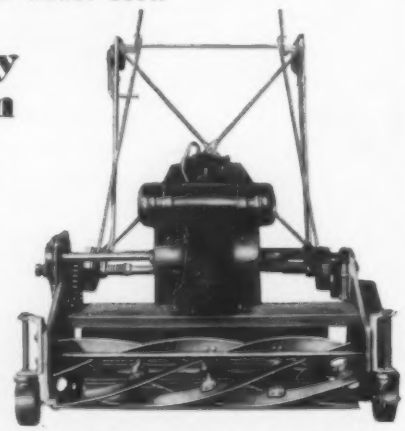
☐ boundary ☐ laundry yard
☐ screening ☐ garden

NAME ..... ADDRESS .....

Approximate number of feet needed.....

On public or private lawns regardless of size the Cooper Power Mower will prove efficient and economical, doing the work of two men with hand machines and combining perfect cutting and turf rolling in the one operation. The 4-cycle Briggs & Stratton gasoline motor provides ample power to propel the mower up steep terraces with ease, and across level open lawns at unusual speed. The mower is light in weight, short coupled, perfectly balanced and can be maneuvered easily around trees, shrubbery or flower beds.

Golf Green Beauty for Your Lawn



Cooper Power Mowers are made in two popular sizes . . . 20 and 27 inch. With the 27 inch mower and riding sulky shown below one man can cut and roll from seven to ten acres per day. Grease packed gears and the use of ball and roller bearings throughout, eliminate frequent lubrication.

Unlike many power mowers, the Cooper Mower is equipped with a single unit reel and bed plate which can be quickly removed without dismounting other mower parts. Individual clutches with finger tip control operate the five-blade reel and traction roller independently of each other. The reel is chain driven and can be reversed for self-sharpening. The corrugated roller is made in three sections with differential action and is equipped with disappearing traction lugs. Body and frame are constructed of fabricated steel which provides maximum strength with minimum weight. Grass catcher can be easily attached to any Cooper mower.

Only a few of the many distinctive Cooper Mower features are described here. Complete information gladly furnished upon request.

COOPER MANUFACTURING CO.
529 S. First Ave. Marshalltown, Iowa

Gentlemen: Please send your new booklet "Golf Green Beauty for Your Lawn" to

Name _____

Address _____

City _____ State _____

Of Small Rock Gardens

(*Continued from page* 164)

others when they have outgrown their quarters. But this should be a last resort. Diligent search will undoubtedly yield a few of the normally dwarf-growing kinds. Among these none is finer than *Picea glauca conica*, with its narrow, compact growth. Amusing, too, and contrasting well with the pyramidal habit of the foregoing are the two squat little Spruces, *Picea excelsa*, *Gregoryana* and *P. e. Maxwellii*. Small specimens of the Savin Juniper, *Juniperis sabina*, may also be made use of. These will provide a sufficient variety for a small rock garden in the way of narrow-leaved evergreens. Of other little shrubs we shall want a few, however, and here is a list from which choice may be made, all of which are to be had in this country:

Erica carnea (Winter Heath), *Genista dalmatica*, *Micromeria croatia*, *Daphne cneorum*, *Kalmia polifolia montana* (damp), *Dryas octopetala*, Dwarf Ivy, *Vaccineum Vitis-idaea* (acid), *Potentilla fruticosa Farreri*, *Loiseleuria* (Azalea) *procumbens*, *Euonymus kewensis*, *Cytisus ardoinii*, *Ononsis cenisia*.

Almost every plant family numbers one or two diminutive species among its members. And it is from the ranks of these that the owner of a small rock garden should make his selection. The Astilbes are a case in point. We think of them as a rule as rather large herbaceous plants appropriate for the borders or waterside. But there is a delightful small member of this family that is surprisingly little known. This is *Astilbe simplicifolia*, which Reginald Farrer called "a gift of the gods from Japan." It is a perfect replica, albeit a miniature one, of the well known tall-growing kinds. It makes a tuft of beautiful dark, glossy, indented leaves from the midst of which arise in summer dainty plumes of pale, fringey blossoms on stems about six inches tall. A cool situation, where the soil is rather damp and fairly rich, is much the best for it.

LITTLE DAYLILIES

And then we have that pigmy of the Daylilies, *Funkia minor*, with white, sweet-scented blossoms borne in August, an exact reproduction of *Funkia subcordata* but only six or eight inches tall. I have two little clumps of this plant in my garden that were given to me many years ago and it seems not now to be listed in catalogs. But it must still be somewhere about and I should be very glad to have news of a supply of it, for it is very useful at a season when few plants are flowering in the rock garden. A low situation where the soil is deep and rich and partial shade meet its requirements. English garden books and catalogs list *Funkia tardifolia* as a dwarf, with "delicate foot-high spires of lavender-pale lilyings in autumn", but I have never come across this species in this country.

Mertensias for the most part are too tall and broad-growing for a small rock garden, but there are several little species that will not greatly tax our space and that are very lovely besides, with their bell-like cerulean blossoms. From across the seas come *M. echioides* and *M. primuloides*, and from our own Northwest *M. nutans* and *M. pulchella*.

Two of the Globularias, *G. tricosantha* and *G. cordifolia*, are well enough known in rock gardens and while they are not of any great size themselves they appear as stout matrons indeed beside the really small fry of their delightful family—*G. incanescens*, *G. bellidifolia*, *G. nana* and even *G. nudicaulis* which, though larger than the three others, still ranks with them as a most charming diminutive. All of them are the neatest and prettiest little plants imaginable, with shining dark leaves and balls of cool blue fluff for blossoms tossed lightly on short stems above the glossy foliage. The very smallest is *G. nana*, no more than an inch high. *G. incanescens* is but a little taller and its leaves are a lovely blue-green which amazingly sets off the cool blue tone of its flower balls. *G. bellidifolia* makes a close covering of dark and very small thickish leaves. All are lovers of sunshine and haters of damp. They are southerners but appear quite hardy. In my own garden they are prospering on a little stony slope facing due south but with some protection afforded by distant tall trees from the burning afternoon sun. The soil is compounded of loam and humus with a good deal of lime and a little sand. These little plants certainly deserve to be a great deal better known.

A TINY ERODIUM

The smallest of the Erodiums is *E. chamaedroyoides*, and a most delightful and cheerful little plant it is, flowering without pause from May until the very last trump before the frosts close down upon us. It forms close, flat mats of tiny leaves above which appear an incredible number of small white flowers. There is also a pink-flowered form that is most desirable. It seems not at all a difficult little subject. In my garden it grows on a ledge facing south where the soil is rather hearty and not too sandy. Like all Erodiums it is quite easily raised from seed.

Stacys corsica is a tiny member of an ordinarily robust-habited family. Its home is in the sunny island the name of which it bears and in cold climates it cannot always be counted upon to come through the winter. South of Philadelphia, or in our genial Northwest near the coast, it would probably be quite safe. I have managed to keep it in the open over an occasional winter, but not often. However, it is easily raised from seed. In any case it requires kindly conditions—a sunny location, in warm, well-drained, light soil. So considered it forms masses of emerald leafage and bears most generously its little blush-white blossoms. It is a delightful carpeter.

Two other little creepers which are good for use in a small rock garden and whose portraits we show are *Linaria pallida* and *Linaria hepaticifolia*. They cover the ground snugly with lovely foliage and bear their pert little blossoms over a long period. The first has rather large blossoms of

(*Continued on page* 174)

YOUR GARDEN IS WORTH THIS PROTECTION AGAINST INSECTS

EVER GREEN, the famous insecticide, will kill the insects that ruin the beauty of your garden. EVER GREEN is pleasant to use, non-poisonous, and absolutely harmless to humans, birds and pets or the tenderest bloom. Approved by scientists . . . used by leading florists. Sold in garden supply departments of seed, hardware, drug and department stores. Use any spray.

EVER GREEN—the Garden Cop—*will protect your garden*

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Use EVER GREEN NON-POISONOUS INSECTICIDE to PROTECT YOUR GARDEN

McLAUGHLIN GORMLEY KING CO. *Minneapolis, Minn.*

GLORIOUS MAY-FLOWERING TULIPS from Bassi Frères de Paris

SPECIAL OFFER DARWINS!
Grand mixture of 10 named sorts. Giant blooms.
100 for $3.00
1000 for $28.00

EXTRAORDINARY OFFER
Save 25%

Make delivery sure at a saving of **25%** less than Fall prices. All are top-size bulbs, sure to bloom and produce magnificent flowers. The following special prices are for orders received before **July 1.** Delivery in September.

ALL DARWINS *(Except as Noted)*

	Doz.	100
Baronne de la Tonnaye-Carmine Rose	.60	4.50
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Farncombe Sanders-Geranium Scarlet	.65	4.50
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King Harold-Ruby Crimson	.60	4.50
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Professor Rauwenhof-Cochineal Rose	.60	4.50
Rev. Ewbank-Heliotrope Lilac	.70	5.25
The Sultan-Maroon Black	.60	4.50
Bronze Queen (Breeder) Golden Bronze	.60	4.50
Gesneriana Major (Cottage) Crimson	.60	4.50
La Merveille (Cottage) Brilliant Flame	.60	4.25
Orange King (Cottage) Scarlet Orange	.60	4.25
Picotee (Cottage) Creamy White	.60	4.50

10% less for 1000 of any variety

AN ATTRACTIVE SAVING
Deduct 5% from total when cash accompanies order

Many other choice varieties in our Bulb List. Ask for it. It's Free!

SPRING HARBINGERS
Delightful little gems for edgings, Rock Gardens, etc.
Chionodoxa (Glory of the Snow)
Eranthis (Winter Aconite)
Grape Hyacinths (Heavenly Blue)
Snowdrops (Single)
Scilla Campanulata (Blue)
Dozen 40c, 100 for $3.00
Crocus Special Mixed
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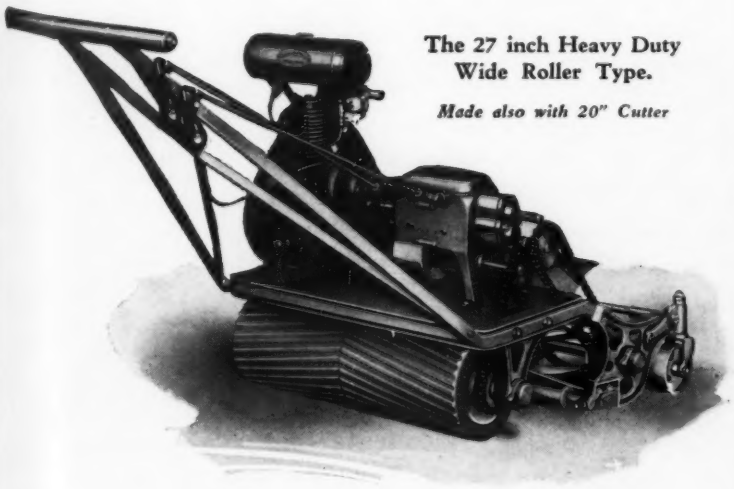
Milbradt Power Lawn Mowers

OPERATE so easily that grass cutting becomes a pastime and is done more frequently. This results in smooth, velvety Lawns, the pride of every owner.

There are four types to select from, suitable for different kinds and sizes of Lawns—1-2 acre or less up to large estates.

You will find the right type for YOUR Lawn in the 1930 Milbradt Catalog, gladly sent on request.



The 27 inch Heavy Duty Wide Roller Type.

Made also with 20" Cutter

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SPRING FRESHNESS ALL SUMMER THROUGH . . .

Gardens to be beautiful and restful must be kept green, fresh, cool and alluring—a caressing kiss of gentle mist in the early dawn will keep the lawn, shrubbery and flowers velvety, fresh and fragrant from early spring to late fall.

Brooks's Automatic Sprinkling System will keep your garden green, cool and fragrant even during the heat and drought of the mid-summer months, for it gently dispenses a mist-like spray when needed and where needed, making brown beds, drooping flowers and listless plants leap to rampant life as if by magic.

Ask your landscape architect about the Brooks system. He will tell you it is Nature's friend and rain's only rival—labor-free, economical, easily and quickly installed in an old as well as new lawn without marring the velvety finish of the surface—an essential to good gardening.

Dealers write for the BROOKS sales proposition. Some good territory is now available.

•Rain's only rival!•
IRRIGATION

JOHN A. BROOKS INC. SPECIALISTS
14528 SECOND BLVD., ~ DETROIT, MICHIGAN

A Billion TINY Sponges

To hold moisture and improve your soil

Plants are *95% water*. They *must* have *constant* moisture if they are to grow as well as you believe they should. To supply such moisture—to have it readily available in sufficient quantities for plant use day or night as the need arises, requires more than occasional showers or watering.

The *soil* must *retain* moisture; not as a lake or a puddle but within its particles so that roots can get at it. This is the physical condition of the soil and *correct* physical condition can only be attained by mixing organic matter contributing active humus in with garden soil to give it the necessary absorption capacity.

In fact the productive fertility of your soil depends more upon this physical condition than upon fertilizers. If your soil is too sandy, or too clayey, or too loose, or too tightly packed—even if it is chock full of fertilizer that is not dissolved and held in suspension in water ready for immediate use—your plants will not yield flower or fruit as they should.

G P M Peat Moss is the most universally used and approved substance for incorporating organic matter in soil. It is perfectly fitted for holding water for your plants (being much like billions of tiny sponges) admirably adapted for keeping your soil in the "pink" of condition. It will help grow those *wonderful* flowers you've seen but never grown.

Let us send you a trial package containing enough Peat Moss Soil Improver to enable you to make a liberal test —$1.50, add 25 cents for postage. We will include directions for using.

PEAT MOSS

Reg. U. S. Pat. Off.

Soil Improver

ATKINS & DURBROW, Inc. A-25 Burling Slip New York, N. Y.

Of Small Rock Gardens

(*Continued from page* 172)

pure lavender color and a fine sweet scent; the second has very decorative kidney shaped leaves and a profusion of lilac Snapdragon flowers. *Linaria alpina (biennial)* is the gayest of small things and should be sown where it is to flower. Its small "Snapdragons" are a hot violet in color blotched with orange. They make a brilliant if tiny show.

For the shaded side of the rock garden there are any number of appealing small things. *Romanzoffia sitchensis*, for instance, a little western native of neat habit and many small white flowers; and the two Synthyrises, *S. rotundifolia* and *S. reniformis*, also natives of our northwest country. They require cool conditions and I suspect a somewhat acid soil, as do so many of our native westerners: Their great charm is the earliness with which they come into bloom. *S. rotundifolia*, known as Sleighbells in its own locality, is one of the first plants to bloom in the rock garden. Both have spikes of blue flowers and dark shining leaves.

If the rock garden boasts a vertical crevice on the north side a few tufts of *Ramondia pyrenaica* should find a home therein. They should be wedged in securely so that the soil will not wash away from about the crown. A good strong loam mixed with humus and a little sand is the soil that best suits this lovely Pyreneian "Primrose". In the same sort of position *Haberlia rhodopensis* also thrives. This is a cousin of our greenhouse Gloxinias, and a very beautiful and choice plant. Its deep green leaves form a neat rosette and the pretty lavender blossoms appear in spring. It enjoys a soil of leafmold, peat and sand and cool conditions generally.

My space is coming to an end, but I wish to speak of the beauty of the Moonwort, Soldanella. It is always recommended for shade, but here it is prospering nicely in cool deep soil with *Gentiana septemfida* and *Erythraea diffusa* in full sunshine. Its portrait displays the full quality of its charms.

We have barely tapped the resources that are at the command of the owner of a little rock garden, but here is a list of fifty more that will prove a source of keen pleasure and interest. They are all hardy in the neighborhood of New York:

Aster thompsoni nana, Achillea umbellata, Allium cyanium, Alyssum montanum, Alyssum idaeum, Aethionema Warley Hybrid, *Androsace sempervivoides, Androsace lanuginosa, Aquilegia flabellata nana, Armeria caespitosa, Arabis aubrietioides, Arabis kelleri, Aubrietia* Dr. Mules, *Bellis minutum, Campanula garganica, Campanula muralis, Campanula stansfieldi, Campanula pusilla, Cyclamen europeum* (shade), *Dianthus neglectus, Dianthus arvernensis, Draba aizoides, Gentiana septemfida, Geranium argenteum, Gypsophila cerastoides, Hypericum coris, Iris arenaria, Iris gracilipes, Linum alpinum, Lychnis legascae, Potentilla nitida, Potentilla nana, Primula cortusoides, Primula frondosa* (shade), *Primula capitata, Papaver alpinum, Saxifraga aizoon, Saxifraga hostii, Saxifraga* Guilford seedling (half shade), *Silene alpestris, Silene pennsylvanica, Sedum dasyphillum, Sedum nevii* (shade), *Thymus serpyllum albus, Veronica repens, Veronica saxatilis, Viola arenaria rosea, Viola bosuiaca* (biennial), *Viola gracilis, Wahlenbergia serpyllifolia.*

Bulbs

Narcissus minimus, Narcissus cyclamineus, Narcissus bulbocodium, Tulipa persica, Tulipa dasystemon, Tulipa pulchella, Muscari botrioides alba, Hyacinthus azureus, Hyacinthus amethystinus, Galanthus nivalis, Eranthus hyemalis, Scilla siberica, Chionodoxa luciliae.

I shall be glad to reveal the whereabouts, as far as possible, of any of the plants mentioned to anyone sending an addressed envelope.

Worthy Strawberry Kinds

(*Continued from page* 168)

the next year or two; so as the Department is sponsoring them their introduction should be looked forward to with special interest.

In our home garden we may either let our Strawberries deteriorate from year to year, or we may buy new plants annually to prevent this calamity, or we may ourselves improve the "strain" by interested choice of plants to set in new beds each year. The best way to do this is fortunately so simple that any one can do it.

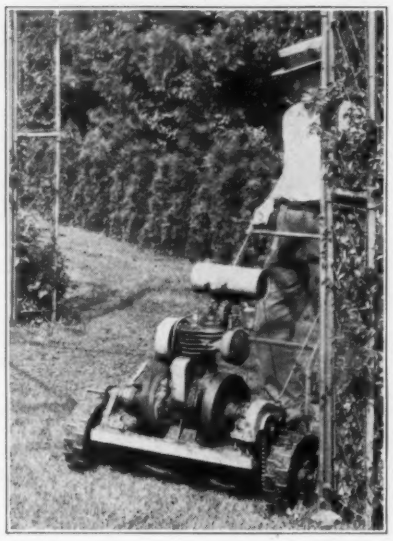
In every Strawberry patch, even where only one variety is grown, there is wide range of behavior among the individual plants. Some produce abundance of fine fruit, others nothing at all, with all sorts of gradation between these extremes. Some of this variation may be due to little differences in the available plant food but not enough to account for all. If we take advantage of the desirable ones we can have a more and more uniformly prolific stand of plants.

All we need to do is to go through the patch just when the fruit first begins to ripen, to place stakes beside the plants that are outstandingly most prolific and to use only the runner plants that these produce for making new beds. This we must do each year because young beds yield better than do old ones.

When the runners develop, as they do shortly after the first season is over, we must anchor them with lumps of earth or pebbles in the usual way to hold them in place until they have formed roots. If the new bed is to be made in late August or early September we will get best results if we will make the plants take root in three or four inch flower pots filled with soil and sunk full depth in the ground just where the runners reach. In a month or six weeks the pots will be full of roots and the plants may be easily transplanted where we want them.

THE "25"—SPLENDID FOR ALL-AROUND PURPOSES . .

On the lawn of average size, where a roller mower is not needed, or where terraced lawns would not permit, the Ideal "25" is unsurpassed. It handles easily around tight corners. It cuts clean and smooth, and is strongly and simply constructed. Its smaller brother, the "20", for smaller cutting jobs is equally efficient. Or, you may prefer a roller mower, that smooths out bumps and hollows as it cuts—or the Triplex that keeps cutting costs low on big areas. Write today for the Ideal brochure showing the complete line of Ideals at work on the country's largest and finest estates.



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World's Choicest Nursery & Greenhouse Products Grown In America

Visit Nursery — Ask for Catalog

POTTED ROSES—May Planting

Potted Roses may be planted in the garden until late May, and give an abundance of bloom all summer. From our collection of several hundred Hybrid Tea Roses we can supply potted plants of most of the leading varieties. The plants are field-grown, budded Roses, potted in autumn, and carried over winter in coldframes. The list is extensive; we suggest that you indicate the color, and let us select the variety.

ROSES by Bobbink & Atkins

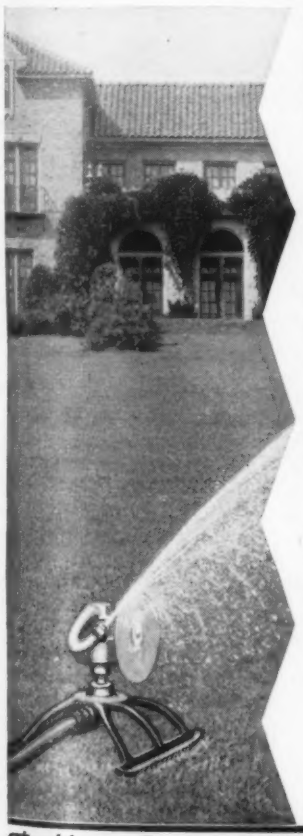
The 1930 edition is replete with up-to-date varieties—it is more than a Catalog, it is a reference and guide for American Rose Amateurs and Growers; it presents late introductions which offer new surprises, and include many favorites of olden days. Many are illustrated in color; correct descriptions are given with comments on their merits and demerits; cultivation instructions are simplified; all are classified and arranged to make ordering easy; pen and ink sketches show planting steps and how to secure the most perfect flowers. A copy will be mailed on request to those who intend to plant Roses.

Our Specialties Azalea Mollis and Pontica, Chinese Magnolias, Cotoneasters, Japanese Maples and Weeping Flowering Cherries, Red Dogwood, Blue Spruce, Grafted Koster and Moerheimi varieties. We shall be glad to give you prices.

Again we received the highest award for Rock Garden and Azalea indica and A. Kurume at the New York Flower Show.

In your request for Catalog, it is important to state definitely what you intend to plant. You will confer a favor upon us by mentioning House & Garden when writing.

BOBBINK & ATKINS, Rutherford, New Jersey



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Prepare now for the rainless summer days to come. Let the Double Rotary Junior keep Maytime freshness and beauty about your place all summer long. It covers any circular area up to 80 feet and down to 15 feet in diameter according to pressure. Self-operating, self-rotating. Convenient skid base.

TRY 10 DAYS—If not satisfactory, return sprinkler and your money will be refunded. Order from this ad. Descriptive literature on request.

DOUBLE ROTARY JUNIOR SPRINKLER

The Heavy Duty DOUBLE ROTARY

$12.50

(Shown to left) A leader for over eleven years as the ideal sprinkler for golf courses, parks, large estates, etc. Self-operating on the famous Double Rotary principle. Sold under same conditions as Junior Model.

DEALERS: *Write for sales proposition.*

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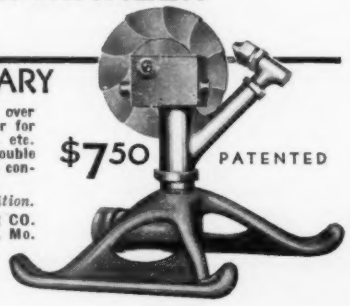


$7.50 PATENTED

Your Last Chance This Spring To Plant Hardy Plants

If you don't plant them "right smart quick now", you'll have to wait till fall. That means a summer of blooms lost.

BUT don't get cold feet and decide that it's so late, it's too late. It would be were it not for the fine big clumps we sell you. That and the painstaking way we pack them. All plants are carefully wrapped. Then tucked in special ventilated boxes, between layers of new excelsior and fresh moist moss. Packed that way, the plants scarce know anything is happening. When set out in your garden, they start right in growing.

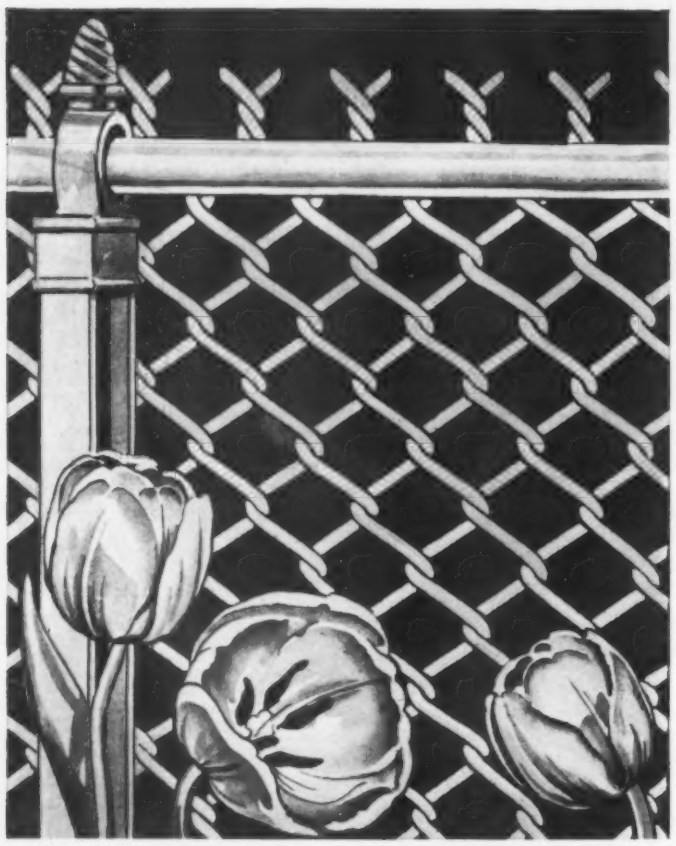
Send for catalog. Don't miss out on a summer of these blooms. If you are interested in Rock Gardens send 25 cents for our illustrated booklet on how to build one, and make sure of its success.

Reg. U.S. Pat. Off.

Wayside Gardens

MENTOR, OHIO

Only an Arm's Length *from* Passers-by ...but *perfectly safe*



Tempting flowers in full bloom . . . irresistible to passers-by. What a joy it is to know they are protected from eager, selfish hands. Cyclone Fence guards your treasured flowers and shrubs. Protects your children and pets at play. Bars intruders. Brings you the luxury of true home privacy. Cyclone Fence blends with the home picture. Made of durable copper-steel, heavily galvanized—lasts many years. Installed by trained Cyclone men. Phone Cyclone Fence Company in your own city or write direct to us for literature.

Cyclone Wrought Iron Fence.

This nameplate identifies CYCLONE FENCE COMPANY *the genuine Cyclone Fence.*

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Pacific Coast Division: Standard Fence Company, Oakland, Calif.
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For The Rose Garden Beginner

(*Continued from page* 170)

Hazlmark Crimson — Semi-single, velvety crimson.

Hermosa—Pink, used to be in every garden and should be yet.

Hofgartner Kalb—Bright pink, fairly large blooms, superb.

Miss C. E. van Rossem—Semi-double, scarlet crimson.

Old Bush—Almost single, pink, blooms in large clusters. The oldest Bengal (1796) and the ancestor of the "everblooming" Rose.

These two varieties, left unpruned, make fair-sized shrubs of incomparable beauty:

Ecarlate—Medium size bloom, brilliant scarlet.

Gruss an Teplitz—Velvety crimson, very fragrant.

The Bourbon Rose is a natural hybrid first discovered in the Isle of Bourbon (now Martinique). It was once very popular, and the masterpiece of the group, Souvenir de la Malmaison, still lingers in the memory of some of us.

Crossed with the Bengal it has produced a hybrid that is fast gaining great popularity because of its activity and rusticity:

Gruss an Aachen—A scramble of pink, yellow, chamois, cream, everchanging and long lasting until, after nearly a week, the tired bloom turns white and faints away. This solitary descendant of an illustrious race has proved hardy, happy and healthy both in the Tropics and Arctic.

Gruss an Aachen, sired by Mrs. Aaron Ward, produced a similar type.

Frau Dr. Erreth—Same hardiness with more yellow.

Some pure type Hybrid Teas are unusually hardy for the race and will survive without protection winters where the thermometer does not go below zero or does not stay there too long at a time. They are also very resistant to leaf disease and are not likely ever to contract any unless inoculated by other varieties.

Of course the *Radiance* sisters: Pink, Red and Mrs. Chas. Bell (salmon). Mediocrities of bloom, they are peerless in shrub habit, health and continuity. For garden purpose I prefer a profusion of mediocre blooms to a few perfect ones.

Chas. K. Douglas—Crimson paling to scarlet.

Duchess of Wellington—The only yellow safe in the hands of the beginner.

Etoile de Hollande—Deep crimson, a marvel in every respect.

Gen. Sup. A. Janssen—Pink.

Kōnigin Carola—Two-tone pink, with the constitution of an ox.

La France—Silvery pink, unique perfume, the original Hybrid Tea.

Lady Ashtown—Brilliant pink. If I could plant but one pink Rose, this would be it.

Mme. Leon Pain—Pink with copper tints. Low growing, healthiest foliage.

Mrs. Henry Morse—Two-tone pink, very hardy and easy growing.

While the Pernetianas in general are not a class for the beginner, there are two exceptions with which he may venture with safety:

Ariel—Copper, apricot, then pink, continuous, very healthy foliage. Prune it little and it will make a fair shrub. Extremely hardy.

Willowmere—Brilliant pink and salmon. Tall growing. Splendid for cutting and as hardy as any Hybrid Perpetual. Foliage may need a little watching.

House & Garden's Bookshelf

(*Continued from page* 156)

crowded, and, as with each "rolling" the size of the workable space diminished, elbow-room became more and more at a premium. As a consequence, the usual number of guests was seven, who with the hostess made two for each side of the frames—the equivalent of two tables of bridge. As good quilting was then quite as much a social requisite as good bridge-playing is to-day, it behooved an ambitious woman to be expert with her needle."

The very names of the patterns are delightful: Straight Furrow, The Garden Wreath, Full Blown Tulip, Birds-in-the-Air, Tree Everlasting, Evening Star, The Meadow Lily, Delectable Mountains, and of course The Peony—long called "Piney" by the old folks. It will come as a revelation to many that the crazy quilt, which had so startling a vogue in its silk and velvet interpretations in the 1880's, is the oldest pattern known, making use as it could of every scrap of cloth of every texture at a time when all woven fabrics were precious.

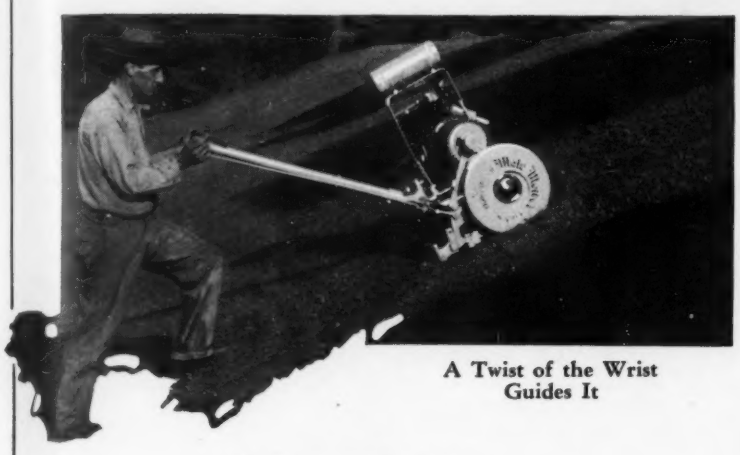
G. G. G.

OUR WILD ORCHIDS. By Frank Morris and Edward A. Eames. New York: Chas. Scribner's Sons.

LOVERS of Nature in general, and of wildflowers in particular, have long awaited the coming of a thoroughly satisfying book on our native Orchids. There have been previous volumes devoted to the subject, of course, but they have lacked some one important quality—definitions, atmosphere, beauty of illustrations—something which has caused them to fall more or less short of the ideal. To be able to say that no such criticism can be made of *Our Wild Orchids* is at once a pleasure and a unique experience.

For in this new volume Mr. Morris and Mr. Eames have produced a work which can be recommended with words of the highest praise. Not only is it an authoritative and practical guide to the discovery and identification of seventy-odd species of American Orchids; it is, perhaps even more notably, a splendid achievement in literature and art. Rarely has this reviewer come upon as good passages of plant text as are met throughout its pages; never has he seen more charming and at the same time clear-cut photographs of wildflowers in their natural surroundings. The authors have caught, alike in word

(*Continued on page* 182)



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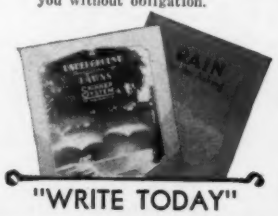

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GOLD MEDAL Rose for 1930

Chaplin's Pink Climber

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In size and form these flowers are similar to Paul's Scarlet, being borne profusely in strong trusses of from 8 to 12 flowers each, a rich, lively pink in color. Awarded the much coveted Gold Medal of the National Rose Society of England in 1928.

Strong two-year-old plants, $2.50 each.

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presents what is unquestionably the greatest collection of choicest Rose novelties ever offered in our 92 years of doing business. Nineteen pages of it are devoted to Roses, sixteen of them portray Roses in natural colors. Besides, it offers the *best only* in Seeds, Bulbs, Plants, Dahlias, etc. Free for the asking and please mention this publication.

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Recommended by the Officers of The Garden Club of America.

1 Quart $1.00 1 gallon $3.00 5 gallons $12.00 10 gallons $20.00.

Wilson's WEED KILLER is the answer to those obnoxious weeds, poison ivy, etc. . . . simply dilute with water and sprinkle . . . 1 gallon $2.00, 5 gallons $8.00. And then there is Wilson's RHODY-LIFE, a wonderful soil stimulant (not a fertilizer) for making the soil acid or ideal for growing Rhododendrons, Azaleas, Laurels, Pines, Spruce, Blueberries, and other acid-loving plants. Wilson's RHODY-LIFE may be applied at any time of the year . . . 100 pounds $5.00, 1,000 pounds $45.00, 2,000 pounds $85.00.

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The Garden Scrap Book

(*Continued from page 166*)

water sufficient to start the fertilizer into the soil is a useful garden adjunct and much simpler than holding the hose.

Zinnias. In the older days Zinnias were spelled "Xenias" and were commonly known as "Youth and Old Age," although the appropriateness of this name is not apparent to us in the magnificent creations that now ornament our gardens, from the brilliant little buttons not an inch in diameter to the giant rivals of the Dahlia and Chrysanthemum.

It is one of the most brilliant and satisfactory of annuals and one of the easiest to grow. It can be planted outdoors until into June with a certainty of a fine crop of bloom in late summer and autumn. It is one of the annuals in which a late start is no great handicap as it will not spring into vigorous growth until the weather is warm and seed sown outdoors often catches up with plants raised in hotbeds.

The recent Zinnia triumphs are the quilled and Dahlia-flowered type which are more loose and graceful in appearance than the older types of which the Colossal has long been a favorite. These resemble a decorative Dahlia in the folded petals. The older types have flat petals lying as flatly and evenly upon one another as a well shingled roof. The range of color is remarkable.

Zinnias like rich soil and full sun. They also want a good supply of moisture to do their best and should be liberally soaked in spells of drought. A free use of the hose will keep them going. They are one of the finest and most reliable flowers for cutting in the garden. The Dahlia-flowered types are especially esteemed for bouquets.

To neutralize water. Aluminum sulphate offers a ready means of neutralizing alkaline water, when the latter has to be used for sprinkling plants which resent the presence of lime. A small pinch of the sulphate added to each pailful will dissolve readily and produce the desired effect. A good soil testing set is the surest way of determining just how much to use—the quantity depending, of course, on how much lime has to be counteracted.

Acid soil. The necessity of an acid soil for certain classes of plants, some herbaceous and some woody, is a generally recognized fact; but its maintenance year after year is often neglected. In a region where the prevailing natural conditions are acid or even neutral, an acid soil, once well established, naturally remains so for a long time without attention, but in limestone territory there is a constant tendency for infiltration to change acidity to alkalinity. Some provision

Plant your *rose garden* this month

and have blooms in June.

Star Roses are guaranteed to bloom or your money is refunded.

It is not the guarantee that makes the Roses bloom but the quality of our stock that enables us to make the guarantee!

Mrs. Pierre S. duPont is the latest winner of the Bagatelle (France) Gold Medal, the most exacting test in the world for a Rose. We are the only firm offering it this Spring. See this Rose and 45 other notable varieties in natural colors in our 1930 Spring catalogue. Your copy will be mailed promptly on request. It is free.

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Annie Laurie, exquisite ruffled pink.
Emile Aubrun, large bronze, illustrated on left.
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One Bulb each
Value $1.50 for $1.10

A Whole "Glad" Garden $3

Special "Get-Acquainted" Offer

100 large bulbs, at least 35 fine varieties, in many different shades of red, yellow, pink, blue, orange, smoke, white. All good varieties but not labeled as to name. Prepaid. 50 for $1.75. I believe this to be the finest "glad" collection offered anywhere. The above 5 varieties together with the collection of 100 bulbs for $4.

Send for illustrated catalog that is "different," listing over 300 of the "world's best" varieties.

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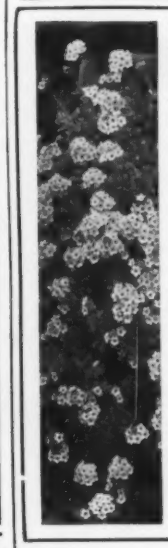

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He will be glad to hear from any home owner interested in helping preserve America's song birds and to confer personally regarding the construction of a sanctuary or the proper location of bird houses on your property. Even a small garden can be made a haven for our beautiful birds. Write Mr. Dodson today and learn how to attract birds to your premises this season.

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The Garden Scrap Book

must be made to overcome this change.

The simplest and most effective way to maintain the acidity of a given piece of ground is to keep it covered, summer and winter, with dead conifer needles or rotting Oak leaves. As the rains seep down through these they carry tannic acid into the soil in a perfectly natural way. The addition of a few more needles or leaves each year makes up for those which gradually disintegrate into humus.

THE IRIS SEASON. In a recent issue of *Horticulture* Mr. Robert Wayman, the Iris specialist, demonstrates clearly that, by wise selection of varieties, it is possible to have this plant family in bloom uninterruptedly from earliest spring until real freezing weather in the fall. Beginning with *Iris reticulata*, thrusting up through the snow and ice, and continuing through the dwarfs, intermediates, tall bearded, Japanese and the Chinese *Iris dichotoma* to the new fall-flowering sorts, gives eight months of blossoms. Whatever slight gaps there may be in this succession can be closed by such Irises as the Siberian, pogocyclus and various beardless varieties.

The Iris family, of course, stands high on the ladder of popularity and merit. It should climb to still loftier rungs when its friends realize how it can be made to give them outdoor bloom for two-thirds of the whole year.

LAWN ENRICHMENT. No lawn can be any better than the food which is provided for the grass that clothes it. To assume that anything else is the case, or that any given supply of plant food will last indefinitely, is to pave the way for disappointment sooner or later.

Roughly speaking, lawn fertilizers can be divided into two groups: the quick-acting, rather temporary stimulants, and those which work more slowly but keep at it longer. In the first group are most of those which are applied in liquid form, while the second class includes solid materials such as bone meal and animal manures. There is no reason why both types cannot be used together early in the season. But don't expect one application of the temporary stimulant kind to last the whole year. Animal manures, generally speaking, are excellent as sources of plant food, but they are not infrequently full of bothersome weed seeds.

TRIMMING MOWER. On the majority of places—even those with small lawn space—two lawnmowers are really worth-while in the saving of labor and improving the effect of the grass-cutting job. For the main part of the work, of course, a standard mower is used, either hand-operated or driven by power, depending upon the size of the lawn and other considerations.

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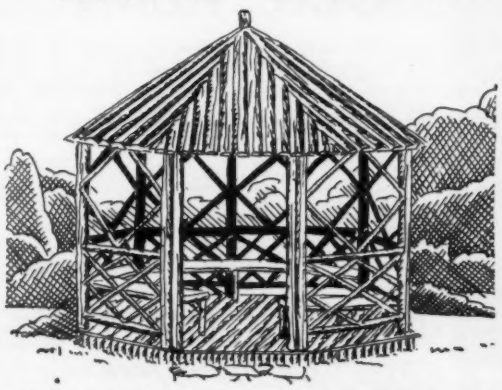

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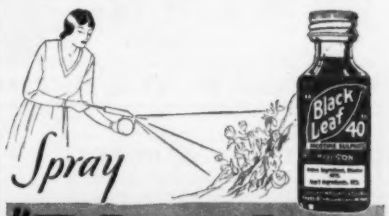

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The Garden Scrap Book

To supplement this large mower, a small, one-wheel machine is a great advantage in doing the trimming. This little machine is pushed by hand like its big brother, but, by reason of its peculiar construction and short blades, can be used to advantage in confined spaces. With it you can cut cleanly to within a fraction of an inch of trees, fences and shrubbery, to say nothing of sharp turns along path edges, and so on. In this way much back-breaking work with ordinary grass shears is quite fully avoided.

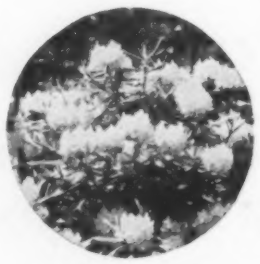
TULIPS AND FORGET-ME-NOTS. After it is well past the flowering stage the Tulip bed pure and simple isn't much to look at. There is nothing especially attractive about the leaves, anyway, and after summer weather has warped and discolored them they become really unsightly. This is particularly noticeable in planting where the bulbs are not taken up every summer but are left in place year after year.

Marked improvement in the way of appearance in permanent plantings follows upon the introduction of Forget-me-nots as a ground cover. Provided only that they are not allowed to suffer from drought, these prolific plants will carpet the soil with green and blue all summer long, yet, because of their shallow roots, will not interfere with the bulbs below them. In the spring, when the Tulips come up again, they will find no difficulty in thrusting through the Forget-me-not clusters.

BABY WEEDS. There is nothing like catching them young, those ambitious weeds which are now making determined efforts to overwhelm more worthy plants in the garden. Precisely as it would be easier to kill many young rats than a few older ones, so is a slaughter of the innocents among the weed family a far better plan than waiting until they grow large and commence to multiply their race.

In both flower and vegetable gardens, young weed destruction is best accomplished by frequent and thorough cultivation. This means not only stirring the ground and thereby uprooting the weeds, but also raking them up and removing all those which are large enough to be thus collected. The very smallest are generally killed by a few hours of hot sun after they have been dislodged, but the others should be fully disposed of lest they take root again like the sprig of Shamrock immortalized in the old song.

COS LETTUCE. It requires skill and labor to produce a first-class head Lettuce and the market offers them so reasonably that the majority of gardeners who have failed to get the crisp solid heads they set out to grow have given up. The Cos Lettuce, or Romaine, gives a fair imitation of a head Lettuce of the finest quality and anybody can grow it. It is the lazy man's Lettuce for, given half a chance, it will succeed and the better the culture the more outstanding the success



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Special $25 assortment includes 12 plants, 1 to 5 feet high, ten different, enough to cover 25 to 40 sq. ft. Blooms from April to July.

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Send for catalog and list of shrubs in this offer.

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Now, to be more commercial, we have selected from our catalog six varieties of cheerful Rock Plants that prefer a little shade.

Aquilegia canadensis—American Columbine
Campanula rotundifolia—Bluebells of Scotland
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Saxifraga virginiensis—Mountain Saxifrage
Tiarella cordifolia—Foamflower

For $10.00 we will send you 12 each of the above 6 varieties, or we will send you 6 each for $5.50, F.O.B. Putney.

Besides our hundreds of kinds of Perennials, we have a very complete list of Evergreens, Shrubs, Fruit Trees and Berry Plants. We will send you a catalog if you wish.

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The Garden Scrap Book

in growing a Lettuce of real quality.

It is a different style of growth from the head and common leaf Lettuces, producing long, rather narrow erect leaves that tend to fold over each other and enclose and blanch the heart. This tendency is readily increased by loosely tying up the heads with raffia or string. Many epicures believe the Cos Lettuce to be the finest flavored and highest quality of all the types.

It stands heat better than other Lettuces and is always crisp and delicate when freshly gathered. The inner leaves bleach white and the outer leaves are a light green and are tender and not strong as are the outer leaves of some head Lettuces. Give the Cos a rich soil and plenty of moisture if it happens to be a dry season and it will make its long slender heads with great regularity.

IRIS VISITING. For combined pleasure and knowledge, there is nothing the flower garden enthusiast can do which would be more worth-while than visiting the display grounds of a good Iris specialist when these flowers are at the height of their blossoming season. To see several hundred varieties in full blossom is an experience not to be forgotten, and it is the surest possible way to make intelligent comparisons and decide just what additions you want to make to your own collection. Iris hybridizers have created so many new named varieties that it is only by seeing the plants in actual flower that you can really judge them.

In almost every section of the East there are one or more professional Iris growers, and we have yet to meet one of them who does not welcome visitors. Like all real plantsmen they are enthusiasts in their special lines, and they love to have their efforts enjoyed by others even though no sales may be involved.

A BLUE ANNUAL. True blue flowers are always welcome and they are comparatively rare. One that gives a mass of rich blue in the garden is particularly welcome and we have it in the Chinese Forget-me-not, *Cynoglossum amabile*. This plant has been listed as both an annual and a biennial but it blooms as an annual and has behaved as such for most gardeners.

July sown seeds have produced a fine show of bloom in September. It is in appearance a dwarf form of the Italian Alkanet, *Anchusa italica*, which has long been a favorite among perennials for the mass of rich blue it produces in the borders in June. Botanically, it is closely related to the Anchusa. The flowers are very much the same in shape and color but the Cynoglossum is not a tall grower, its height being from eighteen inches to two feet.

It has proved of the easiest culture and seems to enjoy a light and fairly dry soil, although not particular. It also seems to thrive both in open sun and in partial shade.

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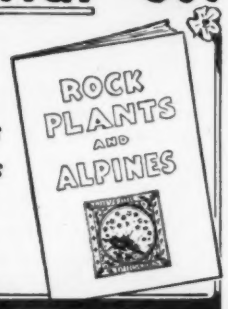

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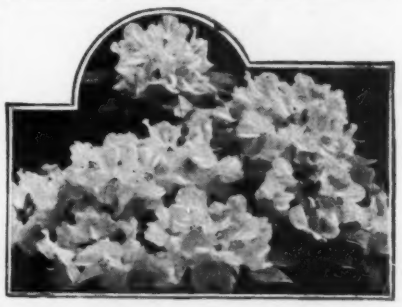

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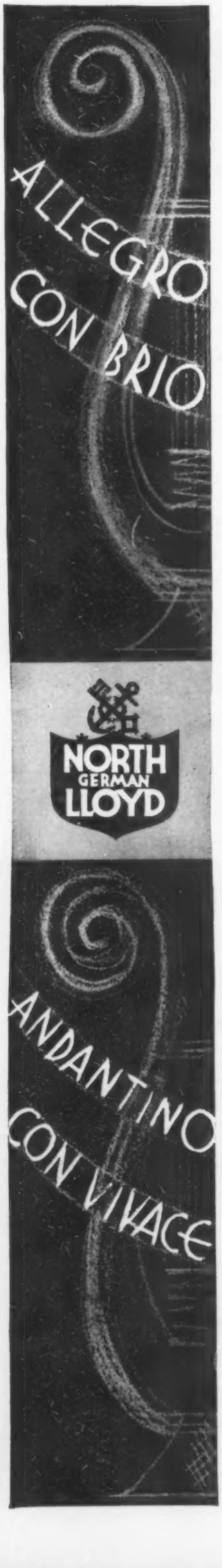

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Gardening's Renascence

(*Continued from page* 162)

nating, is intricate and would require a lengthy article to do it justice. Sufficient for our purpose here if we set down the fact that the Damask, Hundred-Leaf Rose and French Roses which for so long had ruled were displaced in the early part of the 19th Century by offspring which resulted from their marriages with newcomers from the Orient.

There is one great group of flowers, namely the Orchids, whose progress scarcely advanced during the period under discussion. Their culture was gravely misunderstood and it was not until the improvement in greenhouse building, and more especially heating, took place that their culture became successful. It was for the latter half of the 19th Century to demonstrate the ease with which Orchids could be grown and, moreover, what a marvelous opportunity they offered for hybridization. The modern Orchid is essentially the product of the latter half of the 19th Century.

The very names of the plants we have mentioned are impressive in themselves and if we try to realize what gardens must have looked like before their advent we shall in a measure appreciate the wonderful era of plant introduction represented by the period 1750-1850. But this is only part of the story and represents but a fragment of our indebtedness. Not only were these plants beautiful in themselves, not only are they of value today for this same reason, but they have become the parents of hybrid races extraordinarily rich in numbers and indispensable in character. The development of many of these hybrid races had their beginnings in the latter part of the period we are discussing but did not reach proper development until after 1850. Today the modern garden is largely represented in its plant material by the abundance of hybrids which have been evolved from the wild species which largely came to us during the renascent period we are discussing.

In last month's issue we called attention to the great work of Linnæus in founding his binominal system and thereby rescuing plant names from the complete chaos into which they had fallen. Its importance on the introduction of plants cannot be overstated. Also it made possible in the period with which we now deal the commencement of modern garden literature. In this country the first treatise on gardening, entitled *Gardener's Kalendar*, is said to have been written by Mrs. Martha Logan in South Carolina and published in 1779. Calendars were at that period important mediums of information and considered so down to the early years of the 19th Century. Apparently the earliest separate book on horticulture was *The Gardener's Calendar For South Carolina and North Carolina*, by Robert Squibbs, published in Charleston in 1787. The first book on horticulture written after the modern style was *The American Gardener*, by John Gardiner and David Hepburn, published in Washington, D. C. in 1804. Across the water greater wealth and greater interest in plants had their effect on the literature. That wonderful old publication, *The Botanical Magazine*, started in 1788 and is continued to this day. Its first plate was an Iris (*Iris persica*). In 1815 another magazine carrying colored illustrations was issued under the name of the *Botanical Register*; another entitled *Botanical Cabinet* was commenced in 1818. The two latter, however, succumbed after running for a decade or two. Loudon's *Gardener's Magazine*, founded in 1826, was one of the first garden periodicals. Its publication ceased in 1843; 1841 saw the advent of the *Gardener's Chronicle* which is still in vigorous health.

The position to which horticulture had risen in this epoch is well exemplified by the fact that the Pennsylvania Horticultural Society was founded in 1827, followed by the Massachusetts Horticultural Society in 1829. Both were preceded by the Horticultural Society of London, now the Royal Horticultural Society, founded in 1809.

To summarize our story, the opening up of countries to trade and travel brought about a great influx of new and rare plants which added enormously to the interest in gardening. This increased interest influenced the literature of the period and caused societies to be founded which continue to do noble work down to this day. All who garden and all who are interested in flowers and like to read about them owe a deep debt to the Nestors of their favorite subjects who labored so well between the years 1750 and 1850.

House & Garden's Bookshelf

(*Continued from page* 176)

and picture, the strange allure of the Orchid, the absorption and adventure of the search through woodland and bog, the unexampled thrill of ultimate discovery. To have blended these qualities with the accuracy of information which every horticultural book should have is an accomplishment of which they should be very proud.

We like *Our Wild Orchids*—like it unequivocally, completely. It goes forthwith upon our personal book shelf—that very special, revered shelf which is reserved for the outstandingly elect of garden volumes.

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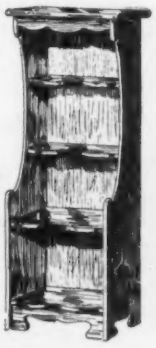

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TRADE LITERATURE
OF INTEREST TO PROSPECTIVE HOME BUILDERS

Each month there will be briefly reviewed on this page a number of the new brochures, pamphlets and catalogs which have been issued by concerns in the building, decorating and gardening fields. This issue is devoted to those in the building field.

• BATHROOM FIXTURES

BATHROOMS OF CHARACTER. The importance of good plumbing is emphasized in this attractive catalog on "Te-pe-co" vitreous china and porcelain bathroom fixtures. A series of "character bathrooms" is illustrated, the complete equipment of each being listed together with stock numbers and prices. A chart shows colors in which "Te-pe-co' fixtures are available. THE TRENTON POTTERIES CO., TRENTON, N. J.

• WHITE LEAD

DECORATING THE HOME. A book of helpful instructions for painting both the exterior and the interior of the home. Color illustrations show the effects obtainable by the use of white lead paint. Instructions are given for the mixing of gloss paints and flat paints using Dutch Boy white lead. Several color formulas are listed. NATIONAL LEAD COMPANY, 111 BROADWAY, NEW YORK CITY.

• SHINGLES

CREO-DIPT HAND-SPLIT PILGRIMS. An envelope of loose leaf sheets showing illustrations of houses on which Creo-Dipt Pilgrim Shingles are used. Each house differs in style and treatment showing the adaptability of these shingles. Creo-Dipt Pilgrims are hand-split from live red cedar. A general description of them is given on the inside cover. CREO-DIPT COMPANY, INC., NORTH TONAWANDA, NEW YORK.

• LUMBER

FOR HOME LOVERS. Numerous houses are pictured in this booklet, which is published for the purpose of offering helpful suggestions to the prospective home builder who has not yet gained a clearly defined idea as to the particular type of house he desires. Each house is accompanied by a description and floor plans. NATIONAL LUMBER MANUFACTURERS ASSOC., TRANSPORTATION BLDG., WASHINGTON, D. C.

• RED CYPRESS

A VERSATILE WOOD FOR INTERIORS. Attractive illustrations show interiors paneled in Tidewater Red Cypress. This wood, which has an established reputation for durability in exterior use, is also adaptable for interior paneling. It can be waxed, stained, painted, "sugied" (charred and rubbed), sand-etched, or used in its natural state. SOUTHERN CYPRESS MFRS. ASSOC., JACKSONVILLE, FLORIDA.

• STUCCO

PORTLAND CEMENT STUCCO. The story of texture and color in Portland Cement Stucco is presented in this book together with the practical technique of its application. Several beautiful illustrations show the textures and the colors of the stucco used for various types of architecture. A number of additional stucco textures are shown in the back of the book. PORTLAND CEMENT ASSOCIATION, CHICAGO, ILL.

• TILES

WILL YOUR HOUSE BE AS BEAUTIFUL INSIDE AS IT IS OUTSIDE? A colorfully illustrated folder shows the possibilities offered for designing floors, fireplaces, and walls, by the use of Pardee Tiles, in living rooms, dining rooms, halls, sun porches, etc. The wide range of colors and designs offered by Pardee affords limitless opportunities for origination of design. THE C. PARDEE WORKS, INC., PERTH AMBOY, NEW JERSEY.

• BRICK

BEAUTY IN BRICK. Forty-three houses designed by the Architects Small House Service Bureau are illustrated and accompanied by floor plans. Sketches of two houses show one built in bad taste and the other in good taste, while the text points out the differences in the two. Working plans and specifications are available through this concern. THE FINZER BROTHERS CLAY COMPANY, SUGARCREEK, OHIO.

• CASEMENTS

STANWIN CASEMENTS. This catalog gives complete information on Stanwin Casements and Doors in all standard sizes and types. The Stanwin Casement is suitable for the smaller residences and for apartment houses. Line drawings show vertical and horizontal sections and installation details. Instructions are given for screening and draping. CRITTALL CASEMENT WINDOW COMPANY, DETROIT, MICH.

• CONCEALED HEATING

MODERN INTERIORS. Two types of the Herman Nelson Invisible Radiator, the Immured type and the Paneled type, are illustrated and described in this attractive brochure. The Immured type is for use in the modern house and the Paneled type for apartments and hotels, as certain features of the former make it impractical for multi-story buildings. HERMAN NELSON CORPORATION, MOLINE, ILL.

• CONCEALED HEATING

MODERN STYLE IN ROOM HEATING. The Trane Concealed Heater is illustrated and described in this booklet. It operates from the same boiler and piping system as the ordinary radiator. While the radiator diffuses heat the Trane Concealed Heater circulates heated air. A section of the booklet is devoted to "Facts About Trane Concealed Heaters." THE TRANE COMPANY, LA CROSSE, WIS.

• HEATING EQUIPMENT

HOW SHALL I HEAT MY HOME? The various types of heating and the fundamentals of each type are explained in this booklet published by the American Radiator Company. Several pieces of equipment manufactured by this company are illustrated in color. These include the Red Flash Boiler, the Corto Radiator and several heaters. AMERICAN RADIATOR COMPANY, 40 WEST 40TH STREET, NEW YORK CITY.

• GAS HEATING

EFFICIENT HOUSE HEATING WITH GAS. The Pittsburg Boiler shown in this catalog is so designed as to utilize gas with the utmost efficiency. The method of construction and operation is explained and illustrated by detailed drawings. In the back of the booklet is a discussion of the Pittsburg Automatic Gas Water Heater. THE PITTSBURG WATER HEATER COMPANY, PITTSBURGH, PA.

• HOT WATER HEATING

HOT WATER AT EVERY TICK OF THE CLOCK. Two hot water plants are described and illustrated, the Kewanee Water Heating Garbage Burner, and the Kewanee Tabasco Water Heater. In those homes where the quantity of refuse is not sufficient to supply a Garbage Burner, the Tabasco Heater is more suitable. Sectional views are shown of both these burners. KEWANEE BOILER COMPANY, KEWANEE, ILL.

• OIL HEAT

THE NEW DEVELOPMENTS IN OIL HEAT. The developments which have been made in automatic oil heat for the home are sketched briefly in this interesting booklet. A recital of facts about the "805" Kleen-Heet tells of the simplicity of its construction and operation. Photographs show installations of the "805" Kleen-Heet in a number of residences. WINSLOW BOILER AND ENGINEERING COMPANY, CHICAGO, ILL.

• BOILERS

A MODERN HOUSE WARMING. An interesting booklet on heating equipment, attractively illustrated, describes the various heating methods, and tells how the Capitol Red Cap Boiler solves the heating problem. It is attractive in appearance, is supplied for either steam or hot water heat, and is adapted to any standard fuel. Three types are illustrated in color. UNITED STATES RADIATOR CORP., DETROIT, MICH.

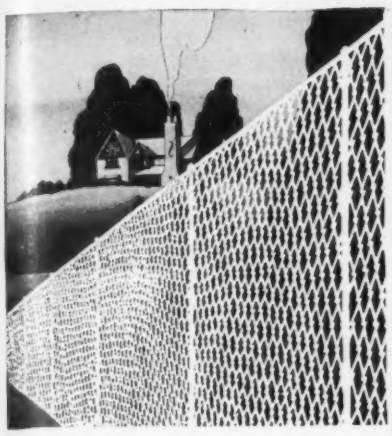
• INSULATION

THE INVISIBLE HOME. Johns-Manville introduce in this booklet an insulation material made of "rock wool", which can be blown into the walls of any home, old or new, and regardless of what construction. The numerous illustrations show the manner in which the material is applied, and its many advantages are explained in the text. JOHNS-MANVILLE, 292 MADISON AVENUE, NEW YORK CITY.

• INSULATION

JUST BETWEEN YOU AND THE WEATHER. A booklet of facts about United States Mineral Wool describes it as an insulation that is heat-proof, cold-proof, fire-proof, sound-proof and vermin-proof. One of its advantages is that it is indestructible and resists fire like solid stone. Several letters from satisfied users are reproduced. UNITED STATES MINERAL WOOL COMPANY, 280 MADISON AVENUE, NEW YORK CITY.

IN WRITING FOR ANY OF THE BOOKLETS REVIEWED ABOVE YOU WILL FIND IT AN ADVANTAGE TO IDENTIFY YOURSELF AS A READER OF HOUSE & GARDEN



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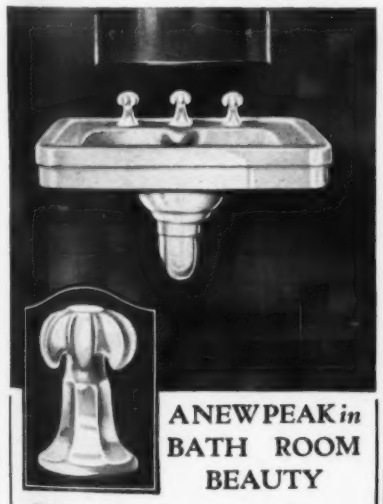

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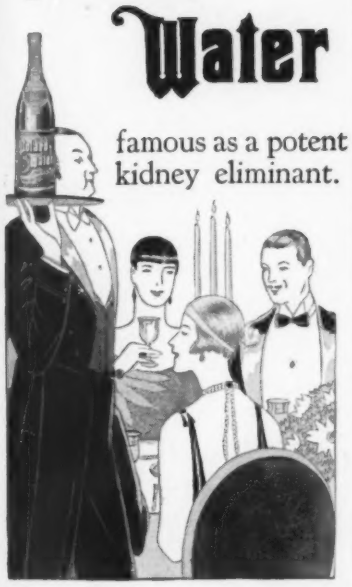
While every precaution is taken to insure accuracy, we cannot guarantee against the possibility of an occasional change or omission in the preparation of this index.

Over-indulgence in eating or drinking—often a social grace—produces unpleasant results.

These ill effects may be corrected by drinking

Poland Water

famous as a potent kidney eliminant.



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A FREE book, sent on request, reveals for the first time just how the wealthiest women regained or retained their glorious, fresh, youthful complexion. This beauty secret, once available only to fashionable patrons of the more exclusive beauty salons, is now within reach of every woman!

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Will take ten years off your face in a few weeks. Endorsed by Ella Wheeler Wilcox, Mrs. Jack London. Praised by thousands of women. Taught by mail at home. No massage, straps, creams or treatments. Gives Nature a chance.

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City.....State.....

Who doesn't prefer White Porcelain?

IT'S A BOHN PORCELAIN EXTERIOR

THE modern refrigerator, in any size and for any use, is mentally envisioned in all its sheer white porcelain loveliness, a piece of furniture in which the pride and reliance of the owner is definite and unvarying.

The housewife's sigh of relief was heard all over the land when the designers of refrigerators *made the inside of refrigerators white.* At last food was to be in surroundings absolutely sweet and pure. Then came the thought that the purity which porcelain lining assured within, might just as easily be adapted to the *outside,* and so the last word in refrigerator appearance was added to the last word in food preservation and care.

Wise was the one who protested against gilding the lily. And so perhaps the day is still distant when refrigerators, especially of the BOHN standard, will be greatly changed from their present beauty, utility and purity.

BOHN *is the world's largest manufacturer of quality refrigerators.*

Bohn Refrigerator Company
Saint Paul, Minnesota

New York Chicago

BOHN *SYPHON REFRIGERATOR*

the "famous 30" recipes

Send Coupon for Cocktail Recipes in Bridge Pad

On parade!—the world's most popular cocktails—always made with Martini & Rossi Vermouth (sold at your food shop). The dancy, tangy flavor—the typical cocktail taste. Secret of the "Martini", most famous of all cocktails.

thirsty palates in fancy silks

Touch pen to Coupon. At least a dollar's worth of recipes in Bridge Pad (Auction and Contract), providing famous entertainment at bridge parties, dinner parties and . . . whenever you pause for refreshment.

IMPORTED

Martini & Rossi Vermouth

W. A. Taylor & Co., 94 G Pine Street, New York City
Please send, free of charge, Combination Bridge Score Pad (Auction and Contract) containing Special Collection of World's Most Famous Cocktail Recipes and full directions—now revised and expanded.

NAME_____

ADDRESS_____

DEALER'S NAME_____

In the Smooth Functioning of an Estate Telephones play a Particularly Important Role

From your study, you can be in instant touch with every part of the estate by telephone... give necessary instructions... learn how work is progressing . . . save yourself trips out-of-doors in unpleasant weather. And the same telephones, of course, link you to the outside world as well . . . to neighbors, friends in other cities, even countries across the sea. Modern homes have telephones wherever they will save steps and time . . . living-room, bed chamber, sun porch, kitchen.

It's so easy to telephone the gardener just what you want done . . . to have flowers brought up for the dinner table . . . or to keep in touch with work on the grounds.

A telephone in the garage is truly convenient. You can summon the car just when you want it . . . and call either from any of the residence telephones or others on the estate.

Instructions may easily be given to the lodge-keeper . . . the chauffeur summoned . . . flowers ordered from the greenhouse . . . over your regular Bell telephones

WHERE there are many duties to take one's time . . . as on a large estate . . . the convenience of *enough telephones* becomes almost a necessity. For the telephones knit together the far-flung parts of the estate. They bring the various buildings within instant call . . . the greenhouse . . . stables . . . gate-keeper's lodge . . . garage.

In the fitful weather of spring, they shield the floors of the residence from the muddy footsteps of outside servants. And in the glorious days of summer—when you spend so much of your time out-of-doors—you yourself can be readily reached, wherever you may be on the grounds.

Only a few people, of course, have estates . . . but everyone can enjoy true *telephone convenience*. This modern note contributes greatly to the ease and comfort of living, yet it is not expensive. Nor is it confined to larger houses.

Each home has its own special opportunities for communication convenience. No general rule can be laid down; the chief thought is to have telephones in all places where they will save you time, effort and the annoyance of "lost calls." Your local Bell Company will gladly help you determine appropriate locations in your home. Just call the Business Office.

THE CONDÉ NAST PRESS GREENWICH, CONN.

BRIDES THAT TRIP DOWN THE AISLE IN JUNE

need take no trips down cellar stairs next fall

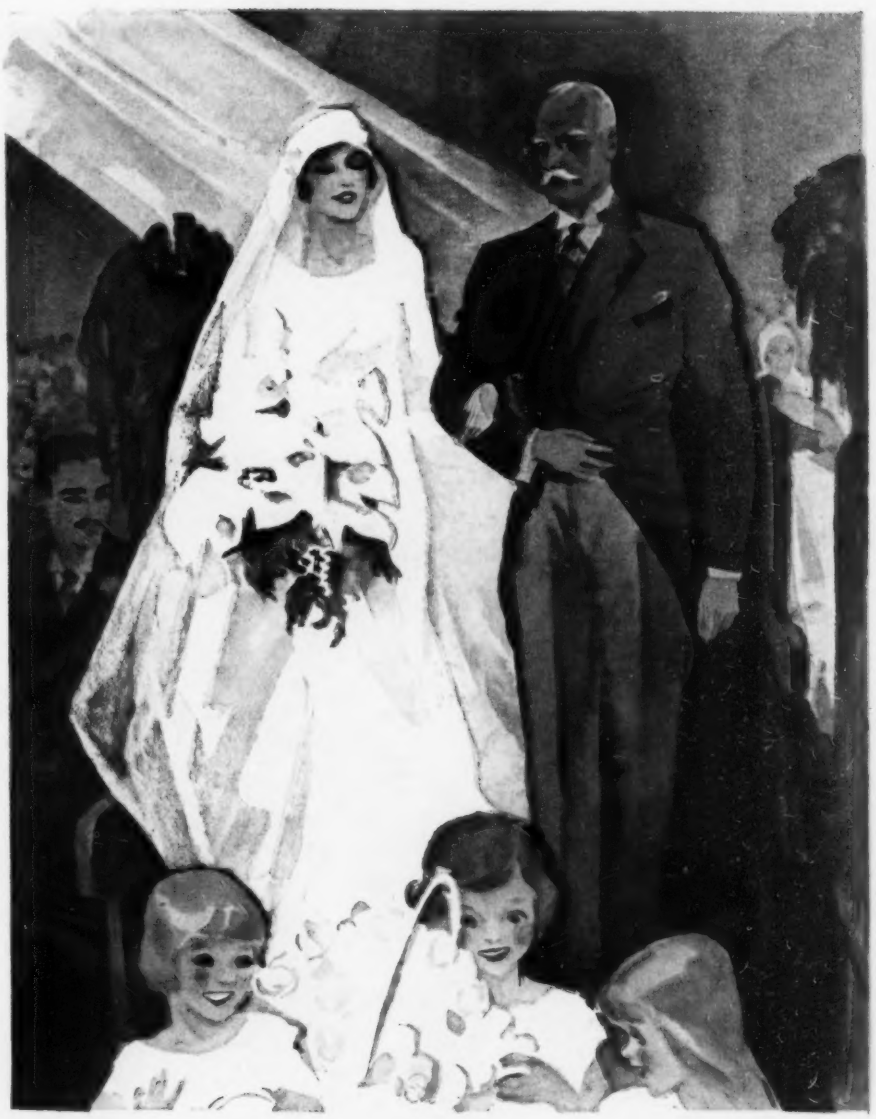
For too many brides it is but a short step from the flower-strewn aisle to the cellar steps. Yet a bridegroom need not impoverish himself to install or maintain automatic heat. Just see that there is a Spencer Heater in the house you will call home. As many an older head has discovered in the past thirty-two years, a Spencer gives the lowest cost heat you can buy, with automatic fuel feed that lets women in the home stay away from the coal bin.

Instead of flat grates that must be fed frequently by hand, the Spencer has Gable-Grates that slope down from a magazine where fuel is stored. The natural way for fire to burn is up—and in the Spencer fire does burn up-hill. The natural way for things to fall is down—and in the Spencer fuel does roll down, automatically, from the magazine to the grates below. *

This fuel feed is truly automatic, for gravitation needs no motors or machines to make things roll down hill. It gives unusual uniformity of temperature, for fuel flows only as fast or as slow as the fire requires. As changing temperatures require more fire or less, the fuel feed is automatically controlled by the fire's demands.

The Spencer adds economy to convenience, because it burns small size fuels efficiently. These fuels are low in cost because ordinary heaters are not designed to burn them satisfactorily. You can use No. 1 Buckwheat anthracite in Spencer Heaters, at about half the cost of larger sizes. Where anthracite is not available small size by-product coke in a Spencer will give a more uniform heat than soft coal in ordinary heaters, at a cost no greater—and generally less.

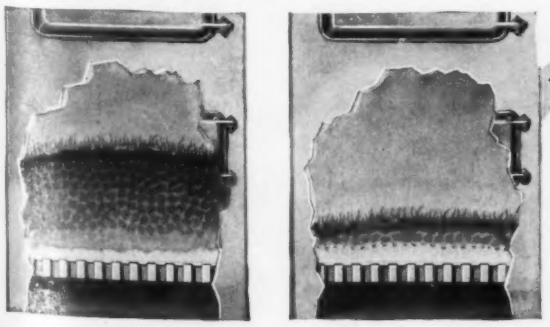
Write for the Spencer book, "The Fire That Burns Up-hill." It describes in detail how the Spencer Heater, for steam, vapor or hot-water systems, can save as much as half your annual fuel bill. SPENCER HEATER COMPANY, WILLIAMSPORT, PA. Division of Lycoming Manufacturing Company.



The Spencer Heater for the average home is illustrated at left. Spencer Heaters are made in cast iron sectional and steel tubular types, for any size home or building. Sold and installed by all responsible heating contractors.

* Everybody knows that ordinary heaters require refueling frequently as the fire burns to ash. With a Spencer, fuel is put only once a day into the magazine—illustrated below at (A). Fuel covers the grate to a sloping level controlled by the magazine mouth (B). The fire bed stays at the level shown at (C), for as fuel burns it shrinks to ash (D) and settles on the Gable-Grate (E). As the fire bed shrinks, more fuel feeds down automatically from the magazine, which holds enough fuel to feed the fire for as long as 24 hours, with only one shaking of the grates.

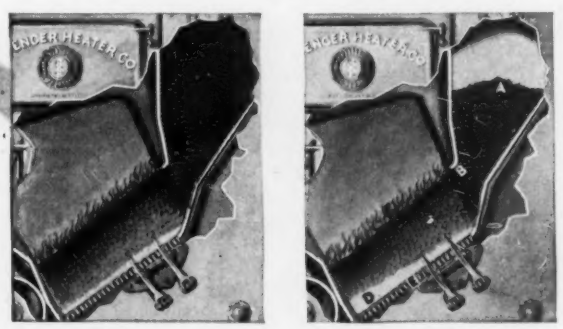
FLAT GRATE HEATER
Showing how burning fuel shrinks away to ash —heater must again be refueled



FIRE BURNS UPHILL . . FUEL ROLLS DOWN . .

SPENCER
Magazine Feed
HEATERS
for steam, vapor or hot water

SPENCER MAGAZINE FEED HEATER
The shrinkage of burning fuel lets more fuel feed automatically from the magazine. *



You are invited
to a Special Exhibition of the most Remarkable of all Developments in Home Movies... Kodacolor

An exhibition of amateur-taken movies in Full Color. At Ciné-Kodak Dealers throughout the United States and Canada this month.

Home Movies that reproduce on the Screen EVERY COLOR THE EYE CAN SEE...as easy to take as snapshots

SO many people, parents particularly, have inquired about home movies in full color that special exhibitions of Kodacolor films have been arranged for this month at Ciné-Kodak dealers throughout the United States and Canada.

Step in and see one of these films on the screen. Do this whether or not you are immediately interested in making home movies. What you see will amaze you.

For, with Ciné-Kodak, home movies in full color are made as easily as snapshots are with your child's Brownie.

Nothing that this page can say or show can fully reveal the startling beauty of home movies in color. For Kodacolor is admittedly the greatest single triumph in the history of photography. See for yourself. Visit the exhibition this month at Ciné-Kodak dealers.

Life Itself

Kodacolor reproduces faithfully and unerringly on the screen every color that the eye can see. The exact shade of your child's hair, those elusive tints of youthful cheeks, every tone of dress and background, every scene of your travels...all in full color.

In short, life itself. For life, as the eye sees it, remember, is made up of color and motion. Now these two are combined in the most remarkable of all developments in home movies. Movies that are closer to life itself than anything heretofore known.

Think of having such pictures of your mother. All so wonderful...yet so simple that a child can take them.

CINÉ-KODAK
Model BB, *f*.1.9.

How It's Done

The same Ciné-Kodak (B or BB *f*.1.9) that takes black-and-white movies takes color. The same Kodascope (A or B) that shows black-and-white movies shows color. You simply use a Kodacolor Filter and Kodacolor Film when making or projecting movies in color.

If you can look through a finder and press a lever you can take these amazingly beautiful pictures. Then send the film to any Eastman processing station. In a few days it comes back to you, ready for projection...*at no additional cost;* the charge for developing is included in the price of the film.

Everything is so convenient, so easy. And, if you can afford even the smaller nice things of today, you can afford the Ciné-Kodak.

Ask to See Kodacolor

See what wonders are now offered you by the same Eastman men who so simplified photography that any child can make snapshots.

See the exhibition of Kodacolor that is being presented this month by Ciné-Kodak dealers of the United States and Canada. Visit your dealer today.

EASTMAN KODAK COMPANY
Rochester, New York

KODACOLOR

HOME MOVIES IN FULL COLOR